



URBAN FOREST MANAGEMENT / MASTER PLAN



VOLUME 2 OF 3
REPORT APPENDIX
October 1989

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PREPARED FOR:
CITY OF RICHMOND, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
OPERATIONS AND MAINTENANCE
PARKS & LANDSCAPING DIVISION



URBAN FOREST MANAGEMENT / MASTER PLAN



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City Manager

FINAL REPORT
October 1989

Lawrence H. Loder
Public Works Director

URBAN FOREST MANAGEMENT / MASTER PLAN

ACKNOWLEDGEMENTS

We would like to extend our thanks to the City Council, city staff and the many citizens who participated in this project and who will undoubtedly continue to support the greening of Richmond as the Urban Forest Management Program is implemented. We would also like to thank and recognize the following people for their special contribution to this project:

Peter C. Ingram, Public Works Superintendent for Parks and Landscaping and acting Deputy Director of Public Works, was responsible for the original project concept, authored the request for proposals, chaired the consultant selection committee and served as the city's project manager/contract administrator. He provided overall direction and facilitated staff, council and citizen input throughout the project.

Kirt Hunter, Assistant City Engineer, provided valuable technical review and philosophical support to the project.

Mark Hamilton, Management Information Systems Coordinator, provided essential technical and licensing guidance on the urban forest management computer software system created for the city as part of this project.

Ted Knowlton, Public Works Superintendent for Streets and Sewers, served on the consultant selection committee and provided continuous input throughout the project.

Dwight Pilz, Public Works Senior Engineer, served on the consultant selection committee.

Charles Carter, Assistant Planner, served on the consultant selection committee.

Fred Gaul, Recreation and Parks Commissioner, served on the consultant selection committee.

Gail Thompson, City Contracts Coordinator, provided administrative guidance throughout the selection process and project start-up.

Herman Phillips, Senior parks Supervisor, was a key resource throughout the project especially for historic data, geographic information, and field coordination.

Mitch Anderson, Senior Public Works Inspector, provided first-hand knowledge of existing field conditions and needs in the early stages of the inventory process.

William Robinson, Asst. Public Works Inspector, provided information on sidewalk conditions and problems.

CONSULTANT TEAM:

Thomas J. Pehrson, Urban Forestry Consultant, Orinda, California, was the prime consulting contractor for the project.

Barrie D. Coate, Horticulturist

Eugenia Szeto, Project Manager

Barbara Meacham, Meacham / O'Brian, Landscape Architects

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Urban Forestry Management/Master Plan
Summer 1989

Thomas J. Pehrson
Urban Forestry Consultants

TABLE A-1
CITY OF RICHMOND
STREET TREE INVENTORY
SPECIES FREQUENCY REPORT

SCIENTIFIC NAME	COMMON NAME	COUNT	PERCENTAGE
ULMUS PARVIFOLIA	ELM, CHINESE	1465	14.0
PLATANUS ACERIFOLIA	SYCAMORE, LONDON PLANE	1311	12.5
CINNAMOMUM CAMPHORA	CAMPHOR	700	6.68
MYOPORUM LAETUM	MYOPORUM	689	6.58
PRUNUS CERASIFERA	PLUM, PURPLE LEAF	657	6.27
MAGNOLIA GRANDIFLORA	MAGNOLIA, SOUTHERN	535	5.11
LIQUIDAMBAR STYRACIFLUA	LIQUIDAMBAR	406	3.88
MELALEUCA LINARIIFOLIA	FLAXLEAF PAPERBARK	301	2.87
PHOTINIA FRASERI	PHOTINIA	227	2.17
CRATAEGUS PHAENOPYRUM	HAWTHORN, WSHNGTN THRN	201	1.92
QUERCUS ILEX	OAK, HOLLY	194	1.85
PYRUS KAWAKAMII	PEAR, EVERGREEN	191	1.82
CRATAEGUS LAEVIGATA	HAWTHORN, ENGLISH	184	1.76
ACACIA MELANOXYLON	ACACIA, BLACKWOOD	180	1.72
CALLISTEMON CITRINUS	BOTTLEBRUSH	164	1.57
UNKNOWN SPECIES	UNKNOWN SPECIES	160	1.53
FRAXINUS VELUTINA 'GLABRA'	ASH, MODESTO	158	1.51
FRAXINUS UHDEI	ASH, SHAMEL	137	1.31
PINUS RADIATA	PINE, MONTEREY	133	1.27
PERSEA BORBONIA	AVOCADO, FALSE	132	1.26
LIRIODENDRON TULIPIFERA	TULIP TREE	123	1.17
PRUNUS SPP	STONE FRUIT SPECIES	121	1.15
MORUS ALBA	MULBERRY, WHITE	119	1.14
BETULA PENDULA	BIRCH, WHITE	107	1.02
EUCALYPTUS NICHOLLI	EUC WILLOW LEAF	103	0.98
EUCALYPTUS FICIFOLIA	EUC GUM, RED FLOWERING	100	0.95
EUCALYPTUS GLOBULUS	EUC GUM, BLUE	75	0.72
SCHINUS MOLLE	PEPPER, CALIFORNIA	75	0.72
CASURINA STRICTA	BEEFWOOD	66	0.63
FRAXINUS OXYCARPA 'RAYWOOD'	ASH, RAYWOOD	59	0.56
MAYTENUS BOARIA	MAYTEN TREE, CHILEAN	54	0.52
EUCALYPTUS CAMALDULENSIS	EUC GUM, RED	52	0.50
ZELKOVA SERRATA	ZELKOVA, JAPANESE	50	0.48
PINUS HALEPENSIS	PINE, ALEPPO	48	0.46
GINKGO BILOBA	GINKGO	47	0.45
FICUS NITIDA	FIG, LAUREL	46	0.44
YUCCA GLORIOSA	SPANISH DAGGER	46	0.44
LIGUSTRUM LUCIDUM	PRIVET, GLOSSY	45	0.43
CRATEAGUS LAVELLEI	HAWTHORN, CARRIERE	43	0.41
ACER SACCHARINUM	MAPLE, SILVER	40	0.38
EUCALYPTUS POLYANTHEMOS	EUC SILVER DOLLAR	39	0.37
WASHINGTONIA ROBUSTA	PALM, MEXICAN FAN	37	0.35
MALUS SPP	APPLE	32	0.31
ULMUS PUMILA	ELM, SIBERIAN	30	0.29
PISTACIA CHINENSIS	PISTACHE, CHINESE	28	0.27
CRINODENDRON PATAGUA	LILLY OF THE VALLEY	23	0.22
CUPANIOPSIS ANACARDIODES	CARROTWOOD	23	0.22
PRUNUS SERRULATA	CHERRY, ORIENTAL	21	0.20

TABLE A-1
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STREET TREE INVENTORY
SPECIES FREQUENCY REPORT

SCIENTIFIC NAME	COMMON NAME	COUNT	PERCENTAGE
QUERCUS AGRIFOLIA	OAK, COAST LIVE	21	0.20
CUPRESSUS SEMPERVIRENS	CYPRESS, ITALIAN	20	0.19
PYRUS CALLERYANA ARISTOCRAT	PEAR, ARISTOCRAT	20	0.19
PYRUS CALLERYANA 'BRADFORD'	PEAR, BRADFORD	19	0.18
CERATONIA SILIQUA	CAROB	18	0.17
ERIOBOTRYA JAPONICA	LOQUAT, EDIBLE	18	0.17
JUNIPERUS CHINENSIS	JUNIPER	17	0.16
MELALEUCA QUENQUENERVIA	CAJEPUT TREE	17	0.16
POPULUS NIGRA 'ITALICA'	POPLAR, LOMBARDY	17	0.16
ALNUS RHOMBIFOLIA	ALDER, WHITE	16	0.15
CALLISTEMON VIMINALIS	BOTTLEBRUSH, WEeping	16	0.15
CALOCEDRUS DECURRENS	CEDAR, INCENSE	16	0.15
CORDYLINE AUSTRALIS	DRACENA	16	0.15
PITTOSPORUM UNDULATUM	PITTOSPORUM, UNDULATUM	16	0.15
PRIVATE SHRUB	PRIVATE SHRUB	16	0.15
THUGA ORIENTALIS	ARBORVITAE, ORIENTAL	16	0.15
ACER PLATANOIDES	MAPLE, NORWAY	14	0.13
PINUS THUNBERGII	PINE, JAPANESE BLACK	14	0.13
POPULUS SPP	POPLAR SPECIES	14	0.13
WASHINGTONIA FILIFERA	PALM, CALIFORNIA FAN	14	0.13
EUCALYPTUS SPP	EUC SPECIES	13	0.12
PITTOSPORUM TENUIFOLIUM	PITTOSPORUM, TENU	13	0.12
EUCALYPTUS RUDIS	EUC GUM, DESERT	12	0.11
OLEA EUROPAEA	OLIVE, COMMON	12	0.11
SYZYGUIM PANICULATUM	AUST. BRUSH CHERRY	12	0.11
TRACHYCARPUS FORTUNEI	PALM, WINDMILL	12	0.11
ACER PALMATUM	MAPLE, JAPANESE	11	0.10
JUGLANS HINDSII	WALNUT, CALIF. BLACK	10	0.10
PICEA SPP	SPRUCE SPECIES	10	0.10
ALBIZIA JULIBRISSIN	MIMOSA, SILK TREE	9	0.09
CHAMAECYPARIS LAWSONIANA	CEDAR, PORT ORFORD	9	0.09
JUGLANS REGIA	WALNUT, ENGLISH	9	0.09
NERIUM OLEANDER	OLEANDER	9	0.09
ROBINIA PSEUDOACACIA	LOCUST, BLACK	9	0.09
SALIX SPP	WILLOW, SPECIES	8	0.08
ACACIA BAILEYANA	ACACIA, BAILEY	7	0.07
ACACIA DECURRENS	ACACIA, SILVER WATTLE	7	0.07
GEIJERA PARVIFLORA	WILLOW, AUSTRALIAN	7	0.07
ILEX SPP	HOLLY SPECIES	7	0.07
PRUNUS BLIREIANA	PLUM, BLIREANA	7	0.07
CUPRESSUS ARIZONICA	CYPRESS, ARIZONA	6	0.06
PRUNUS ARMENICA	APRICOT	6	0.06
QUERCUS SUBER	OAK, CORK	6	0.06
TRISTANIA CONFERTA	TRISTANIA, BRISBANE BOX	6	0.06
CITRUS SPP.	LEMON, ORANGE, LIME	5	0.05
EUCALYPTUS SIDEROXYLON	EUC RED IRONBARK	5	0.05
GREVILLEA ROBUSTA	OAK, SILK	5	0.05
PHOENIX CANARIENSIS	PALM, CANARY ISL. DATE	5	0.05

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CITY OF RICHMOND
STREET TREE INVENTORY
SPECIES FREQUENCY REPORT

SCIENTIFIC NAME	COMMON NAME	COUNT	PERCENTAGE
PINUS CANARIENSIS	PINE, CANARY ISLAND	5	0.05
PINUS PINEA	PINE, ITALIAN	5	0.05
RHUS LANCEA	AFRICAN SUMAC	5	0.05
SCHINUS TEREBINTHIFOLIUS	PEPPER, BRAZILEAN	5	0.05
SEQUOIA SEMPERVIRENS	REDWOOD, COAST	5	0.05
ACACIA SPP	ACACIA SPECIES	4	0.04
ARAUCARIA HETEROPHYLLA	NORFOLK ISLAND PINE	4	0.04
CUPRESSOCYPARIS LEYLANDII	CYPRESS, LEYLAND	4	0.04
CUPRESSUS MACROCARPA	CYPRESS, MONTEREY	4	0.04
DODONEA VISCOSA	HOP BUSH	4	0.04
PITTOSPORUM CRASSIFOLIUM	PITTOSPORUM, CRASS.	4	0.04
SALIX BABYLONICA	WILLOW, WEEPING	4	0.04
TRISTANIA LAURINA	TRISTANIA, SWAMP MYRTLE	4	0.04
AESCLUS CARNEA	HORSECHESTNUT, RED	3	0.03
LAGERSTOEMIA INDICA	CAPE MYRTLE	3	0.03
MAGNOLIA SOULANGIANA	MAGNOLIA, CHINESE	3	0.03
METASEQUOIA GLYPTOSTROBOIDES	REDWOOD, DAWN	3	0.03
PERSEA AMERICANA	AVOCADO	3	0.03
PINUS SPP	PINE, SPECIES	3	0.03
PRUNUS PERSICA	PEACH	3	0.03
PSEUDOTSUGA MENZIESII	DOUGLAS FIR	3	0.03
ULMUS PROCERA	ELM, ENGLISH	3	0.03
ACACIA LONGIFOLIA	ACACIA, GOLDEN WATTLE	2	0.02
ACER NEGUNDO	MAPLE, BOX ELDER	2	0.02
CEDRUS DEODORA	CEDAR, DEODAR	2	0.02
COTONEASTER	CONTONEASTER	2	0.02
CRATEAGUS SPP	HAWTHORN, SPECIES	2	0.02
EUCALYPTUS CITRIODORA	EUC GUM, LEMON SCENTED	2	0.02
EUCALYPTUS VIMINALIS	EUC GUM, MANNA	2	0.02
LAURUS NOBILIS	SWEET BAY	2	0.02
LEPTOSPERNUM SCOPARIUM	TEA TREE, NEW ZEALAND	2	0.02
LIGUSTRUM JAPONICUM	PRIVET, JAPANESE	2	0.02
MELELEUCA STYPHYLOIDES	PRICKLY MELELEUCA	2	0.02
MELIA AZERDARACH	CHINABERRY	2	0.02
PLATANUS RACEMOSA	SYCAMORE, CALIFORNIA	2	0.02
PODOCARPUS GRACILIOR	PODOCARPUS, FERN PINE	2	0.02
PRUNUS AMYGDALUS	ALMOND	2	0.02
AESCLUS SPP	HORSECHESTNUT, SPECIES	1	0.01
AILANTHUS ALTISSIMA	TREE OF HEAVEN	1	0.01
ARECASTRUM ROMANZOFFIANUM	PALM, QUEEN	1	0.01
CATALPA SPECIOSA	CATALPA	1	0.01
CEDRUS ATLANTICA	ATLAS CEDAR	1	0.01
CELTIS AUSTRALIS	HACKBERRY, EUROPEAN	1	0.01
ERIOBOTRYA DEFLEXA	LOQUAT, BRONZE	1	0.01
EUCALYPTUS LEHMANNI	EUC BUSHY YATE	1	0.01
FRAXINUS X 'MORAINES'	ASH, MORAINES	1	0.01
GLEADITISIA TRIANCANTHOS	LOCUST, HONEY	1	0.01
PRUNUS CAROLINIANA	CHERRY-LAUREL, CAROLINA	1	0.01

TABLE A-1
CITY OF RICHMOND
STREET TREE INVENTORY
SPECIES FREQUENCY REPORT

SCIENTIFIC NAME	COMMON NAME	COUNT	PERCENTAGE
PYRACANTHA SPP	PYRACANTHA SPECIES	1	0.01
SEQUIADENDRON GIGANTEUM	REDWOOD, GIANT SEQUOIA	1	0.01
TILIA TOMENTOSA	LINDEN, SILVER	1	0.01

TABLE A-2
CITY OF RICHMOND
PARK AND FACILITIES TREE INVENTORY
SPECIES FREQUENCY REPORT

SCIENTIFIC NAME	COMMON NAME	COUNT	PERCENTAGE
CUPRESSUS MACROCARPA	CYPRESS, MONTEREY	676	12.20
PINUS RADIATA	PINE, MONTEREY	507	9.13
ALNUS RHOMBIFOLIA	ALDER, WHITE	498	8.97
FRAXINUS UHDEI	ASH, SHAMEL	356	6.41
EUCALYPTUS CAMALDULENSIS	EUC GUM, RED	300	5.40
PLATANUS ACERIFOLIA	SYCAMORE, LONDON PLA	244	4.39
EUCALYPTUS GLOBULUS	EUC GUM, BLUE	240	4.32
ACACIA MELANOXYLON	ACACIA, BLACKWOOD	228	4.11
CUPRESSOCYPARIS LEYLANDII	CYPRESS, LEYLAND	209	3.76
PINUS HALEPENSIS	PINE, ALEPPO	149	2.68
EUCALYPTUS LEHMANNI	EUC BUSHY YATE	147	2.65
POPULUS NIGRA 'ITALICA'	POPLAR, LOMBARDY	133	2.40
ACACIA LONGIFOLIA	ACACIA, GOLDEN WATTL	127	2.29
PRUNUS CERASIFERA	PLUM, PURPLE LEAF	125	2.25
FRAXINUS OXYCARPA 'RAYWOOD'	ASH, RAYWOOD	123	2.22
PINUS CANARIENSIS	PINE, CANARY ISLAND	117	2.11
LIRIODENDRON TULIPIFERA	TULIP TREE	102	1.84
MYOPORUM LAETUM	MYOPORUM	81	1.46
ULMUS PARVIFOLIA	ELM, CHINESE	70	1.26
SEQUOIA SEMPERVIRENS	REDWOOD, COAST	68	1.22
SALIX BABYLONICA	WILLOW, WEeping	61	1.10
EUCALYPTUS SPP	EUC SPECIES	58	1.04
LIQUIDAMBAR STYRACIFLUA	LIQUIDAMBAR	55	0.99
BETULA PENDULA	BIRCH, WHITE	51	0.92
QUERCUS AGRIFOLIA	OAK, COAST LIVE	49	0.88
PINUS MURICATA	BISHOP PINE	42	0.76
PITTOSPORUM UNDULATUM	PITTOSPORUM, UNDULAT	38	0.68
AESCULUS CARNEA	HORSECHESTNUT, RED	37	0.67
EUCALYPTUS POLYANTHEMOS	EUC SILVER DOLLAR	33	0.59
QUERCUS ILEX	OAK, HOLLY	30	0.54
MAGNOLIA GRANDIFLORA	MAGNOLIA, SOUTHERN	28	0.50
MORUS ALBA	MULBERRY, WHITE	28	0.50
CASURINA STRICTA	BEEFWOOD	24	0.43
EUCALYPTUS SIDEROXYLON	EUC RED IRONBARK	23	0.41
PITTOSPORUM SPP.	PITTOSPORUM, SPECIES	23	0.41
GLEADITISIA TRIANCANTHOS	LOCUST, HONEY	22	0.40
PRUNUS SPP	STONE FRUIT SPECIES	21	0.38
CALOCEDRUS DECURRENS	CEDAR, INCENSE	19	0.34
OLEA EUROPAEA	OLIVE, COMMON	18	0.32
PHOTINIA FRASERI	PHOTINIA	18	0.32
PINUS PINEA	PINE, ITALIAN	18	0.32
ARBUTUS UNEDO	STRAWBERRY TREE	17	0.31
CUPRESSUS ARIZONICA	CYPRESS, ARIZONA	15	0.27
MELALEUCA LINARIIFOLIA	FLAXLEAF PAPERBARK	15	0.27
PRUNUS CAROLINIANA	CHERRY-LAUREL, CAROLI	15	0.27
CINNAMOMUM CAMPHORA	CAMPHOR	14	0.25
CEDRUS DEODORA	CEDAR, DEODAR	13	0.23
MAYTENUS BOARIA	MAYTEN TREE, CHILEAN	13	0.23

TABLE A-2
CITY OF RICHMOND
PARK AND FACILITIES TREE INVENTORY
SPECIES FREQUENCY REPORT

SCIENTIFIC NAME	COMMON NAME	COUNT	PERCENTAGE
SALIX SPP	WILLOW, SPECIES	12	0.22
UNKNOWN SPECIES	UNKNOWN SPECIES	11	0.20
ALNUS CORDATA	ALDER, ITALIAN	10	0.18
CRATAEGUS LAEVIGATA	HAWTHORN, ENGLISH	10	0.18
METROSIDEROS TOMENTOSA	NEW ZEALAND XMAS TRE	10	0.18
QUERCUS SUBER	OAK, CORK	10	0.18
EUCALYPTUS RUDIS	EUC GUM, DESERT	9	0.16
PISTACIA CHINENSIS	PISTACHE, CHINESE	9	0.16
ULMUS PROCERA	ELM, ENGLISH	9	0.16
ZELKOVA SERRATA	ZELKOVA, JAPANESE	9	0.16
LIGUSTRUM LUCIDUM	PRIVET, GLOSSY	8	0.14
PRUNUS SERRULATA	CHERRY, ORIENTAL	8	0.14
FICUS NITIDA	FIG, LAUREL	7	0.13
SEQUIADENDRON GIGANTEUM	REDWOOD, GIANT SEQUO	7	0.13
CRATEAGUS LAVELLEI	HAWTHORN, CARRIERE	6	0.11
PERSEA BORBONIA	AVOCADO, FALSE	6	0.11
PHOENIX CANARIENSIS	PALM, CANARY ISL. DA	6	0.11
PYRUS KAWAKAMII	PEAR, EVERGREEN	6	0.11
PINUS PINNASTER	MARITIME PINE	6	0.11
ACER PLATANOIDES	MAPLE, NORWAY	5	0.09
LAURUS NOBILIS	SWEET BAY	5	0.09
MALUS SPP	APPLE	5	0.09
POPULUS SPP	POPLAR SPECIES	5	0.09
MELIA AZERDARACH	CHINABERRY	5	0.09
CRATAEGUS PHAENOPYRUM	HAWTHORN, WSHNGTN TH	4	0.07
EUCALYPTUS VIMINALIS	EUC GUM, MANNA	4	0.07
JUNIPERUS CHINENSIS	JUNIPER	4	0.07
PINUS SPP	PINE, SPECIES	4	0.07
SCHINUS MOLLE	PEPPER, CALIFORNIA	4	0.07
SYZYGUIM PANICULATUM	AUST. BRUSH CHERRY	4	0.07
CALLISTEMON CITRINUS	BOTTLEBRUSH	3	0.05
CEDRUS ATLANTICA 'GLAUCA'	CEDAR, BLUE ATLAS	3	0.05
CELTIS AUSTRALIS	HACKBERRY, EUROPEAN	3	0.05
CORDYLINE AUSTRALIS	DRACENA	3	0.05
ILEX SPP	HOLLY SPECIES	3	0.05
GINKGO BILOBA	GINKGO	2	0.04
PINUS THUNBERGII	PINE, JAPANESE BLACK	2	0.04
PITTOSPORUM TENUIFOLIUM	PITTOSPORUM, TENU	2	0.04
QUERCUS RUBRA	OAK, RED	2	0.04
SCHINUS TEREBINTHIFOLIUS	PEPPER, BRAZILEAN	2	0.04
TILIA CORDATA	LINDEN, LITTLE LEAF	2	0.04
TRACHYCARPUS FORTUNEI	PALM, WINDMILL	2	0.04
PICEA SPP	SPRUCE SPECIES	2	0.04
ACACIA BAILEYANA	ACACIA, BAILEY	1	0.02
ACER SACCHARINUM	MAPLE, SILVER	1	0.02
ARECASTRUM ROMANZOFFIANUM	PALM, QUEEN	1	0.02
CHAMAECYPARIS LAWSONIANA	CEDAR, PORT ORFORD	1	0.02
CRATEAGUS SPP	HAWTHORN, SPECIES	1	0.02

TABLE A-2
CITY OF RICHMOND
PARK AND FACILITIES TREE INVENTORY
SPECIES FREQUENCY REPORT

SCIENTIFIC NAME	COMMON NAME	COUNT	PERCENTAGE
CRINODENDRON PATAGUA	LILLY OF THE VALLEY	1	0.02
EUCALYPTUS NICHOLLI	EUC WILLOW LEAF	1	0.02
JUGLANS HINDSII	WALNUT, CALIF. BLACK	1	0.02
MAGNOLIA SOULANGIANA	MAGNOLIA, CHINESE	1	0.02
MELALEUCA QUENQUENERVIA	CAJEPUT TREE	1	0.02
PITTOSPORUM CRASSIFOLIUM	PITTOSPORUM, CRASS.	1	0.02
TRISTANIA LAURINA	TRISTANIA, SWAMP MYRT	1	0.02
ULMUS AMERICANA	ELM, AMERICAN	1	0.02
PYRACANTHA SPP	PYRACANTHA SPECIES	1	0.02
QUILLAJA SAPONARIA	SOAPBARK TREE	1	0.02

APPENDIX B

**City of Richmond
Urban Forestry Management/Master Plan
Summer 1989**

**Thomas J. Pehrson
Urban Forestry Consultants**

06/05/89

TABLE B-1
CITY OF RICHMOND
STREET TREE INVENTORY
DIAMETER DISTRIBUTION BY SPECIES

SCIENTIFIC NAME	DBH 0-3" DBH	3-6" DBH	6-12" DBH	12-18" DBH	18-24" DBH	24-30" DBH	30-36" DBH	36+" DBH	COUNT
ULMUS PARVIFOLIA	29	180	846	408	1	1	0	0	1465
PLATANUS ACERIFOLIA	494	158	356	196	104	22	4	1	1335
CINNAMOMUM CAMPHORA	19	28	227	299	118	7	1	1	700
MYOPORUM LAETUM	47	89	327	201	23	2	0	0	689
PRUNUS CERASIFERA	170	267	154	41	1	0	0	0	633
MAGNOLIA GRANDIFLORA	93	206	184	43	8	1	0	0	535
LIQUIDAMBAR STYRACIFLUA	141	141	99	20	5	0	0	0	406
MELALEUCA LINARIIFOLIA	2	20	141	114	22	2	0	0	301
PHOTINIA FRASERI	112	86	26	3	0	0	0	0	227
CRATAEGUS PHAENOPYRUM	69	110	22	0	0	0	0	0	201
QUERCUS ILEX	47	85	51	10	1	0	0	0	194
PYRUS KAWAKAMII	87	87	17	0	0	0	0	0	191
CRATAEGUS LAEVIGATA	76	86	22	0	0	0	0	0	184
ACACIA MELANOXYLON	45	24	39	29	29	10	4	0	180
CALLISTEMON CITRINUS	16	140	8	0	0	0	0	0	164
UNKNOWN SPECIES	19	26	67	36	8	3	1	0	160
FRAXINUS VELUTINA 'GLABRA'	1	7	49	91	10	0	0	0	158
FRAXINUS UHDEI	26	57	50	4	0	0	0	0	137
PINUS RADIATA	11	47	51	15	5	3	1	0	133
PERSEA BORBONIA	7	29	51	33	12	0	0	0	132
LIRIODENDRON TULIPIFERA	30	59	33	1	0	0	0	0	123
PRUNUS SPP	76	35	10	0	0	0	0	0	121
MORUS ALBA	26	21	56	15	1	0	0	0	119
BETULA PENDULA	45	29	27	5	1	0	0	0	107
EUCALYPTUS NICHOLLI	19	35	36	13	0	0	0	0	103
EUCALYPTUS FICIFOLIA	1	6	32	37	21	3	0	0	100
EUCALYPTUS GLOBULUS	4	13	3	10	14	7	11	13	75
SCHINUS MOLLE	68	1	1	1	2	2	0	0	75
CASURINA STRICTA	0	1	16	31	14	3	1	0	66
FRAXINUS OXYCARPA 'RAYWOOD'	58	0	1	0	0	0	0	0	59

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TABLE B-1
CITY OF RICHMOND
STREET TREE INVENTORY
DIAMETER DISTRIBUTION BY SPECIES

SCIENTIFIC NAME	DBH 0-3"	DBH 3-6"	DBH 6-12"	DBH 12-18"	DBH 18-24"	DBH 24-30"	DBH 30-36"	DBH 36+"	COUNT
MAYTENUS BOARIA	16	22	16	0	0	0	0	0	54
EUCALYPTUS CAMALDULENSIS	2	17	16	9	5	0	2	1	52
ZELKOVA SERRATA	1	4	26	19	0	0	0	0	50
PINUS HALEPENSIS	1	36	11	0	0	0	0	0	48
GINKGO BILOBA	12	16	18	1	0	0	0	0	47
FICUS NITIDA	23	6	6	11	0	0	0	0	46
YUCCA GLORIOSA	14	16	13	3	0	0	0	0	46
LIGUSTRUM LUCIDUM	37	7	1	0	0	0	0	0	45
CRATEAGUS LAVELLEI	5	26	11	1	0	0	0	0	43
ACER SACCHARINUM	7	6	11	7	7	2	0	0	40
EUCALYPTUS POLYANTHEMOS	1	3	16	14	3	1	1	0	39
WASHINGTONIA ROBUSTA	5	2	12	7	10	1	0	0	37
MALUS SPP	19	11	2	0	0	0	0	0	32
ULMUS PUMILA	1	2	7	14	6	0	0	0	30
PISTACIA CHINENSIS	20	7	1	0	0	0	0	0	28
CRINODENDRON PATAGUA	1	2	10	8	2	0	0	0	23
CUPANIOPSIS ANACARDIOIDES	3	13	7	0	0	0	0	0	23
PRUNUS SERRULATA	11	9	1	0	0	0	0	0	21
QUERCUS AGRIFOLIA	6	6	2	4	3	0	0	0	21
CUPRESSUS SEMPERVIRENS	18	0	2	0	0	0	0	0	20
PYRUS CALLERYANA ARISTOCRAT	14	0	3	3	0	0	0	0	20
PYRUS CALLERYANA 'BRADFORD'	13	2	4	0	0	0	0	0	19
CERATONIA SILIQUA	4	0	5	8	1	0	0	0	18
ERIOBOTRYA JAPONICA	9	6	3	0	0	0	0	0	18
JUNIPERUS CHINENSIS	14	3	0	0	0	0	0	0	17
MELALEUCA QUENQUENERVIA	0	0	10	6	1	0	0	0	17
POPULUS NIGRA 'ITALICA'	2	2	8	2	3	0	0	0	17
ALNUS RHOMBIFOLIA	3	2	10	1	0	0	0	0	16
CALLISTEMON VIMINALIS	2	2	12	0	0	0	0	0	16
CALOCEDRUS DECURRENS	1	0	3	5	5	2	0	0	16

TABLE B-1
CITY OF RICHMOND
STREET TREE INVENTORY
DIAMETER DISTRIBUTION BY SPECIES

SCIENTIFIC NAME	DBH 0-3"	DBH 3-6"	DBH 6-12"	DBH 12-18"	DBH 18-24"	DBH 24-30"	DBH 30-36"	DBH 36+"	COUNT
CORDYLINE AUSTRALIS	4	3	7	2	0	0	0	0	16
PITTOSPORUM UNDULATUM	13	0	3	0	0	0	0	0	16
PRIVATE SHRUB	15	1	0	0	0	0	0	0	16
THUGA ORIENTALIS	5	11	0	0	0	0	0	0	16
ACER PLATANOIDES	5	1	3	4	1	0	0	0	14
PINUS THUNBERGII	4	8	2	0	0	0	0	0	14
POPULUS SPP	4	4	4	1	1	0	0	0	14
WASHINGTONIA FILIFERA	0	0	1	4	5	1	2	1	14
EUCALYPTUS SPP	1	2	2	3	4	0	0	1	13
PITTOSPORUM TENUIFOLIUM	12	1	0	0	0	0	0	0	13
EUCALYPTUS RUDIS	0	4	6	2	0	0	0	0	12
OLEA EUROPAEA	6	2	4	0	0	0	0	0	12
SYZYGUIM PANICULATUM	3	6	1	2	0	0	0	0	12
TRACHYCARPUS FORTUNEI	3	4	4	1	0	0	0	0	12
ACER PALMATUM	11	0	0	0	0	0	0	0	11
JUGLANS HINDSII	0	1	1	4	2	1	1	0	10
PICEA SPP	5	0	2	2	1	0	0	0	10
ALBIZIA JULIBRISSIN	5	4	0	0	0	0	0	0	9
CHAMAECYPARIS LAWSONIANA	1	2	2	2	0	0	0	2	9
JUGLANS REGIA	1	1	5	1	1	0	0	0	9
NERIUM OLEANDER	9	0	0	0	0	0	0	0	9
ROBINIA PSEUDOACACIA	2	1	1	4	1	0	0	0	9
SALIX SPP	2	2	2	2	0	0	0	0	8
ACACIA BAILEYANA	5	1	1	0	0	0	0	0	7
ACACIA DECURRENS	1	4	1	0	1	0	0	0	7
GEIJERA PARVIFLORA	7	0	0	0	0	0	0	0	7
ILEX SPP	4	1	2	0	0	0	0	0	7
PRUNUS BLIREIANA	3	2	2	0	0	0	0	0	7
CUPRESSUS ARIZONICA	0	4	0	2	0	0	0	0	6
PRUNUS ARMENICA	6	0	0	0	0	0	0	0	6

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TABLE B-1
CITY OF RICHMOND
STREET TREE INVENTORY
DIAMETER DISTRIBUTION BY SPECIES

SCIENTIFIC NAME	DBH 0-3" DBH	3-6" DBH	6-12" DBH	12-18" DBH	18-24" DBH	24-30" DBH	30-36" DBH	36+" DBH	COUNT
QUERCUS SUBER	0	1	1	3	1	0	0	0	6
TRISTANIA CONFERTA	4	1	1	0	0	0	0	0	6
CITRUS SPP.	5	0	0	0	0	0	0	0	5
EUCALYPTUS SIDEROXYLON	4	0	0	0	1	0	0	0	5
GREVILLEA ROBUSTA	3	1	1	0	0	0	0	0	5
PHOENIX CANARIENSIS	1	0	0	0	1	3	0	0	5
PINUS CANARIENSIS	1	0	2	2	0	0	0	0	5
PINUS PINEA	2	0	0	3	0	0	0	0	5
RHUS LANCEA	5	0	0	0	0	0	0	0	5
SCHINUS TEREBINTHIFOLIUS	3	2	0	0	0	0	0	0	5
SEQUOIA SEMPERVIRENS	0	1	1	1	1	0	0	1	5
ACACIA SPP	1	1	2	0	0	0	0	0	4
ARAUCARIA HETEROPHYLLA	3	1	0	0	0	0	0	0	4
CUPRESSOCYPARIS LEYLANDII	1	0	3	0	0	0	0	0	4
CUPRESSUS MACROCARPA	4	0	0	0	0	0	0	0	4
DODONEA VISCOSA	4	0	0	0	0	0	0	0	4
PITTOSPORUM CRASSIFOLIUM	2	1	1	0	0	0	0	0	4
SALIX BABYLONICA	1	1	0	2	0	0	0	0	4
TRISTANIA LAURINA	4	0	0	0	0	0	0	0	4
AESCLUS CARNEA	0	1	0	1	0	1	0	0	3
LAGERSTOEMIA INDICA	1	2	0	0	0	0	0	0	3
MAGNOLIA SOULANGIANA	3	0	0	0	0	0	0	0	3
METASEQUOIA GLYPTOSTROBOIDES	0	0	0	1	0	2	0	0	3
PERSEA AMERICANA	1	2	0	0	0	0	0	0	3
PINUS SPP	0	2	1	0	0	0	0	0	3
PRUNUS PERSICA	1	2	0	0	0	0	0	0	3
PSEUDOTSUGA MENZIESII	1	0	1	0	1	0	0	0	3
ULMUS PROCERA	0	0	1	1	1	0	0	0	3
ACACIA LONGIFOLIA	2	0	0	0	0	0	0	0	2
ACER NEGUNDO	0	1	1	0	0	0	0	0	2

TABLE B-1
CITY OF RICHMOND
STREET TREE INVENTORY
DIAMETER DISTRIBUTION BY SPECIES

SCIENTIFIC NAME	DBH 0-3"	DBH 3-6"	DBH 6-12"	DBH 12-18"	DBH 18-24"	DBH 24-30"	DBH 30-36"	DBH 36+"	COUNT
CEDRUS DEODORA	1	0	0	0	0	1	0	0	2
COTONEASTER	1	1	0	0	0	0	0	0	2
CRATEAGUS SPP	1	1	0	0	0	0	0	0	2
EUCALYPTUS CITRIODORA	0	0	1	0	1	0	0	0	2
EUCALYPTUS VIMINALIS	0	0	0	1	0	1	0	0	2
LAURUS NOBILIS	0	0	0	1	1	0	0	0	2
LEPTOSPERNUM SCOPARIUM	2	0	0	0	0	0	0	0	2
LIGUSTRUM JAPONICUM	2	0	0	0	0	0	0	0	2
MELELEUCA STYPHYLOIDES	0	1	1	0	0	0	0	0	2
MELIA AZERDARACH	1	0	1	0	0	0	0	0	2
PLATANUS RACEMOSA	0	1	0	1	0	0	0	0	2
PODOCARPUS GRACILIOR	1	1	0	0	0	0	0	0	2
PRUNUS AMYGDALUS	0	0	2	0	0	0	0	0	2
AESCULUS SPP	0	0	1	0	0	0	0	0	1
AILANTHUS ALTISSIMA	1	0	0	0	0	0	0	0	1
ARECASTRUM ROMANZOFFIANUM	0	1	0	0	0	0	0	0	1
CATALPA SPECIOSA	0	0	1	0	0	0	0	0	1
CEDRUS ATLANTICA	0	0	0	0	1	0	0	0	1
CELTIS AUSTRALIS	0	0	1	0	0	0	0	0	1
ERIOBOTRYA DEFLEXA	0	0	1	0	0	0	0	0	1
EUCALYPTUS LEHMANNI	0	1	0	0	0	0	0	0	1
FRAXINUS X 'MORaine'	0	1	0	0	0	0	0	0	1
GLEDITISIA TRIANCANTHOS	0	0	1	0	0	0	0	0	1
PRUNUS CAROLINIANA	0	0	1	0	0	0	0	0	1
PYRACANTHA SPP	1	0	0	0	0	0	0	0	1
SEQUIADENDRON GIGANTEUM	0	0	1	0	0	0	0	0	1
TILIA TOMENTOSA	0	0	1	0	0	0	0	0	1
*** Total ***	2308	2399	3334	1832	472	82	29	21	10477

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TABLE B-2
CITY OF RICHMOND
PARK AND FACILITIES TREE INVENTORY
DIAMETER DISTRIBUTION BY SPECIES

SCIENTIFIC NAME	DBH 0-3" DBH	3-6" DBH	6-12" DBH	12-18" DBH	18-24" DBH	24-30" DBH	30-36" DBH	36+" DBH	COUNT
CUPRESSUS MACROCARPA	380	113	33	85	52	13	0	0	676
PINUS RADIATA	22	71	188	155	43	15	13	0	507
ALNUS RHOMBIFOLIA	59	67	294	70	8	0	0	0	498
FRAXINUS UHDEI	0	355	1	0	0	0	0	0	356
EUCALYPTUS CAMALDULENSIS	1	268	11	18	2	0	0	0	300
PLATANUS ACERIFOLIA	12	143	40	32	17	0	0	0	244
EUCALYPTUS GLOBULUS	6	1	40	64	84	26	19	0	240
ACACIA MELANOXYLON	70	94	12	43	9	0	0	0	228
CUPRESSOCYPARIS LEYLANDII	10	31	167	1	0	0	0	0	209
PINUS HALEPENSIS	7	16	122	1	3	0	0	0	149
EUCALYPTUS LEHMANNI	129	10	8	0	0	0	0	0	147
POPULUS NIGRA 'ITALICA'	0	98	10	15	9	1	0	0	133
ACACIA LONGIFOLIA	0	124	3	0	0	0	0	0	127
PRUNUS CERASIFERA	50	74	1	0	0	0	0	0	125
FRAXINUS OXYCARPA 'RAYWOOD'	86	32	0	3	2	0	0	0	123
PINUS CANARIENSIS	3	35	61	12	3	0	3	0	117
LIRIODENDRON TULIPIFERA	5	57	22	12	6	0	0	0	102
MYOPORUM LAETUM	2	36	42	1	0	0	0	0	81
ULMUS PARVIFOLIA	0	11	14	39	5	1	0	0	70
SEQUOIA SEMPERVIRENS	1	11	24	24	5	3	0	0	68
SALIX BABYLONICA	5	13	14	17	9	3	0	0	61
EUCALYPTUS SPP	2	20	17	5	9	4	1	0	58
LIQUIDAMBAR STYRACIFLUA	13	24	16	2	0	0	0	0	55
BETULA PENDULA	2	20	26	3	0	0	0	0	51
QUERCUS AGRIFOLIA	2	11	19	6	9	2	0	0	49
PINUS MURICATA	0	42	0	0	0	0	0	0	42
PITTOSPORUM UNDULATUM	3	16	13	6	0	0	0	0	38
AESCLUS CARNEA	0	18	19	0	0	0	0	0	37
EUCALYPTUS POLYANTHEMOS	0	1	14	17	1	0	0	0	33
QUERCUS ILEX	1	8	17	4	0	0	0	0	30

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TABLE B-2
CITY OF RICHMOND
PARK AND FACILITIES TREE INVENTORY
DIAMETER DISTRIBUTION BY SPECIES

SCIENTIFIC NAME	DBH 0-3"	DBH 3-6"	DBH 6-12"	DBH 12-18"	DBH 18-24"	DBH 24-30"	DBH 30-36"	DBH 36+"	COUNT
MAGNOLIA GRANDIFLORA	3	2	9	14	0	0	0	0	28
MORUS ALBA	1	3	19	5	0	0	0	0	28
CASURINA STRICTA	7	8	5	3	1	0	0	0	24
EUCALYPTUS SIDEROXYLON	1	2	7	13	0	0	0	0	23
PITTOSPORUM SPP.	5	10	3	3	2	0	0	0	23
GLEDITSIA TRIANCANTHOS	6	16	0	0	0	0	0	0	22
PRUNUS SPP	15	4	2	0	0	0	0	0	21
CALOCEDRUS DECURRENS	1	6	6	6	0	0	0	0	19
OLEA EUROPAEA	0	2	16	0	0	0	0	0	18
PHOTINIA FRASERI	6	9	3	0	0	0	0	0	18
PINUS PINEA	12	0	0	0	5	1	0	0	18
ARBUTUS UNEDO	8	9	0	0	0	0	0	0	17
CUPRESSUS ARIZONICA	8	6	1	0	0	0	0	0	15
MELALEUCA LINARIIFOLIA	0	1	10	4	0	0	0	0	15
PRUNUS CAROLINIANA	3	10	1	1	0	0	0	0	15
CINNAMOMUM CAMPHORA	0	2	5	6	1	0	0	0	14
CEDRUS DEODORA	1	1	8	3	0	0	0	0	13
MAYTENUS BOARIA	0	8	3	1	1	0	0	0	13
SALIX SPP	0	3	4	2	3	0	0	0	12
UNKNOWN SPECIES	0	2	5	2	1	1	0	0	11
ALNUS CORDATA	1	5	4	0	0	0	0	0	10
CRATAEGUS LAEVIGATA	3	6	1	0	0	0	0	0	10
METROSIDEROS TOMENTOSA	0	8	1	1	0	0	0	0	10
QUERCUS SUBER	0	0	0	1	7	1	1	0	10
EUCALYPTUS RUDIS	0	0	0	6	2	1	0	0	9
PISTACIA CHINENSIS	4	3	2	0	0	0	0	0	9
ULMUS PROCERA	0	0	1	8	0	0	0	0	9
ZELKOVA SERRATA	0	0	5	4	0	0	0	0	9
LIGUSTRUM LUCIDUM	1	1	1	2	3	0	0	0	8
PRUNUS SERRULATA	1	7	0	0	0	0	0	0	8

TABLE B-2
CITY OF RICHMOND
PARK AND FACILITIES TREE INVENTORY
DIAMETER DISTRIBUTION BY SPECIES

SCIENTIFIC NAME	DBH 0-3"	DBH 3-6"	DBH 6-12"	DBH 12-18"	DBH 18-24"	DBH 24-30"	DBH 30-36"	DBH 36+"	COUNT
FICUS NITIDA	6	0	1	0	0	0	0	0	7
SEQUOIADENDRON GIGANTEUM	0	0	2	2	1	1	1	0	7
CRATEAGUS LAVELLEI	2	4	0	0	0	0	0	0	6
PERSEA BORBONIA	0	0	1	5	0	0	0	0	6
PHOENIX CANARIENSIS	1	1	0	0	0	4	0	0	6
PYRUS KAWAKAMII	1	5	0	0	0	0	0	0	6
PINUS PINNASTER	0	0	0	4	1	1	0	0	6
ACER PLATANOIDES	0	1	4	0	0	0	0	0	5
LAURUS NOBILIS	1	0	3	1	0	0	0	0	5
MALUS SPP	3	2	0	0	0	0	0	0	5
POPULUS SPP	0	0	0	0	4	1	0	0	5
MELIA AZERDARACH	0	5	0	0	0	0	0	0	5
CRATAEGUS PHAENOPYRUM	2	1	1	0	0	0	0	0	4
EUCALYPTUS VIMINALIS	0	0	0	0	0	1	3	0	4
JUNIPERUS CHINENSIS	0	2	2	0	0	0	0	0	4
PINUS SPP	0	4	0	0	0	0	0	0	4
SCHINUS MOLLE	1	2	0	1	0	0	0	0	4
SYZYGUIM PANICULATUM	1	1	2	0	0	0	0	0	4
CALLISTEMON CITRINUS	0	3	0	0	0	0	0	0	3
CEDRUS ATLANTICA 'GLAUCA'	1	0	0	2	0	0	0	0	3
CELTIS AUSTRALIS	0	0	2	1	0	0	0	0	3
CORDYLINE AUSTRALIS	0	2	1	0	0	0	0	0	3
ILEX SPP	1	1	1	0	0	0	0	0	3
GINKGO BILOBA	0	1	1	0	0	0	0	0	2
PINUS THUNBERGII	0	2	0	0	0	0	0	0	2
PITTOSPORUM TENUIFOLIUM	0	1	1	0	0	0	0	0	2
QUERCUS RUBRA	0	1	0	1	0	0	0	0	2
SCHINUS TEREBINTHIFOLIUS	0	0	1	1	0	0	0	0	2
TILIA CORDATA	0	0	1	1	0	0	0	0	2
TRACHYCARPUS FORTUNEI	0	0	2	0	0	0	0	0	2

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TABLE B-2
CITY OF RICHMOND
PARK AND FACILITIES TREE INVENTORY
DIAMETER DISTRIBUTION BY SPECIES

SCIENTIFIC NAME	DBH 0-3" DBH	3-6" DBH	6-12" DBH	12-18" DBH	18-24" DBH	24-30" DBH	30-36" DBH	36+" DBH	COUNT
PICEA SPP	2	0	0	0	0	0	0	0	2
ACACIA BAILEYANA	1	0	0	0	0	0	0	0	1
ACER SACCHARINUM	0	0	0	0	0	0	0	1	1
ARECASTRUM ROMANZOFFIANUM	1	0	0	0	0	0	0	0	1
CHAMAECYPARIS LAWSONIANA	0	0	1	0	0	0	0	0	1
CRATEAGUS SPP	0	1	0	0	0	0	0	0	1
CRINODENDRON PATAGUA	0	0	0	1	0	0	0	0	1
EUCALYPTUS NICHOLLI	1	0	0	0	0	0	0	0	1
JUGLANS HINDSII	0	0	0	1	0	0	0	0	1
MAGNOLIA SOULANGIANA	1	0	0	0	0	0	0	0	1
MELALEUCA QUENQUENERVIA	0	0	0	1	0	0	0	0	1
PITTOSPORUM CRASSIFOLIUM	0	1	0	0	0	0	0	0	1
TRISTANIA LAURINA	0	1	0	0	0	0	0	0	1
ULMUS AMERICANA	0	0	0	0	1	0	0	0	1
PYRACANTHA SPP	0	0	1	0	0	0	0	0	1
QUILLAJA SAPONARIA	0	0	1	0	0	0	0	0	1
*** Total ***	984	1996	1399	742	309	80	41	1	5552

APPENDIX C

**City of Richmond
Urban Forestry Management/Master Plan
Summer 1989**

**Thomas J. Pehrson
Urban Forestry Consultants**

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*11TH ST						
345X	1	PYRUS KAWAKAMII	0-3	0-15		C3X3B
530	1	UNKNOWN SPECIES	0-3	0-15		4.5
601	1	CINNAMOMUM CAMPHORA	6-12	0-15	H	4.5
604	2	ULMUS PARVIFOLIA	6-12	0-15		4.5
604 S	1	ULMUS PARVIFOLIA	12-18	15-30	H	4.5
*11TH ST SO.						
118	1	ACACIA MELANOXYLON	18-24	30-45		6.5
*12TH ST						
613	1	PERSEA BORBONIA	12-18	15-30		4.5
*12TH ST SO.						
154	1	CRATAEGUS LAEVIGATA	3-6	0-15	H	8.5
314 S	1	ULMUS PUMILA	6-12	0-15		6.5
314 S	2	ULMUS PUMILA	18-24	0-15		6.5
314 S	3	ULMUS PUMILA	18-24	0-15		6.5
*13TH ST						
6	1	CINNAMOMUM CAMPHORA	18-24	15-30		4
6	2	CINNAMOMUM CAMPHORA	12-18	15-30		4
*13TH ST SO.						
219	1	PERSEA BORBONIA	3-6	0-15	H	6.5
223	1	PRUNUS CERASIFERA	3-6	0-15	H	6.5
223	2	PRUNUS CERASIFERA	3-6	0-15	H	6.5
223	3	PRUNUS CERASIFERA	3-6	0-15	H	6.5
*15TH ST						
215	1	PLATANUS ACERIFOLIA	12-18	0-15	H	2.5
218	1	PLATANUS ACERIFOLIA	18-24	0-15		3.5X2.5
227	1	PLATANUS ACERIFOLIA	12-18	0-15	H	2.5X2.5
241	2	CRATAEGUS PHAENOPYRUM	6-12	0-15	H	2.5X2.5
717	1	PERSEA BORBONIA	12-18	0-15	L	4
950	1	CINNAMOMUM CAMPHORA	12-18	15-30		2.5
*15TH ST SO.						
316	1	PRUNUS CERASIFERA	0-3	0-15	H	6.5
356	1	ULMUS PARVIFOLIA	6-12	0-15	H	6.5
356	2	ULMUS PARVIFOLIA	6-12	0-15	H	6.5
*16TH ST SO.						
447	1	ULMUS PARVIFOLIA	6-12	15-30		4.5
605	1	CINNAMOMUM CAMPHORA	3-6	0-15	L	2.5X1.5
*17TH ST						
125	1	CINNAMOMUM CAMPHORA	12-18	0-15	H	2.5
129	1	CINNAMOMUM CAMPHORA	18-24	0-15	H	2.5
720X	2	ULMUS PARVIFOLIA	12-18	15-30		4.5X4.5
720X	4	ULMUS PARVIFOLIA	12-18	15-30		4.5X4.5

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*17TH ST						
720X	5	ULMUS PARVIFOLIA	12-18	15-30		4.5X4.5
720X	6	ULMUS PARVIFOLIA	12-18	15-30		4.5X4.5
720X	7	ULMUS PARVIFOLIA	12-18	15-30		4.5X4.5
720X	9	PHOTINIA FRASERI	12-18	15-30		4.5X4.5
*17TH ST SO.						
162	1	ULMUS PARVIFOLIA	3-6	0-15		5.5
162	2	ULMUS PARVIFOLIA	6-12	0-15		5.5
304	1	ULMUS PARVIFOLIA	6-12	0-15		4.5
304	2	ULMUS PARVIFOLIA	3-6	0-15		4.5
328	2	PERSEA BORBONIA	0-3	0-15		4.5
420	1	CORDYLINE AUSTRALIS	0-3	0-15		5.5
448	1	CASURINA STRICTA	6-12	15-30		5.5
*18TH ST						
131	1	CHAMAECYPARIS LAWSONIANA	3-6	0-15	H	2.5
131	2	CHAMAECYPARIS LAWSONIANA	3-6	0-15	H	2.5
633	2	CINNAMOMUM CAMPHORA	6-12	0-15		2.5
*19TH ST						
143	1	CRATAEGUS PHAENOPYRUM	6-12	0-15	H	2.5
*19TH ST SO.						
301	1	LIRIODENDRON TULIPIFERA	6-12	0-15	L	4.5
321	1	QUERCUS ILEX	6-12	15-30	L	4.5
*20TH ST						
536	1	PERSEA AMERICANA	3-6	0-15	H	4.5
1134	S 1	JUNIPERUS CHINENSIS	0-3	0-15		14.5
*20TH ST SO.						
111	1	ACACIA MELANOXYLON	12-18	0-15	H	8
121	1	ULMUS PARVIFOLIA	6-12	0-15	H	8
200	2	CINNAMOMUM CAMPHORA	12-18	0-15		5.5
263	S 1	MAGNOLIA GRANDIFLORA	0-3	0-15		C3X2
307	1	PRUNUS CERASIFERA	3-6	0-15	L	8
446X	1	ACER SACCHARINUM	18-24	0-15		6.5
446X	2	ACER SACCHARINUM	6-12	0-15		6.5
544	1	MAGNOLIA GRANDIFLORA	3-6	0-15		2X2
619	1	YUCCA GLORIOSA	3-6	0-15		6
619	2	PINUS HALEPENSIS	6-12	0-15		6
*21ST ST						
553	1	CINNAMOMUM CAMPHORA	6-12	0-15	H	3X3
*21ST ST SO.						
200	1	PERSEA BORBONIA	6-12	0-15		6
200	S 1	PERSEA BORBONIA	12-18	0-15	H	6.5
200	S 2	PERSEA BORBONIA	12-18	0-15	H	6.5

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*21ST ST SO.						
2121	11	PYRUS KAWAKAMII	0-3	0-15		3X3
*22ND ST SO.						
126	1	ACACIA MELANOXYLON	6-12	15-30		4.5
136	1	CRATAEGUS LAEVIGATA	0-3	0-15		4.5
167	2	EUCALYPTUS FICIFOLIA	6-12	0-15	L	5.5
167	3	EUCALYPTUS FICIFOLIA	6-12	0-15	L	5.5
167	S 1	ULMUS PARVIFOLIA	6-12	0-15		7
167	S 2	ULMUS PARVIFOLIA	6-12	0-15		7
325	1	ULMUS PARVIFOLIA	3-6	0-15	H	4.5
*23RD ST						
1102	S 1	PRUNUS CERASIFERA	6-12	0-15	H	9.5
1102	S 2	PRUNUS CERASIFERA	6-12	0-15	H	9.5
1102	S 3	PRUNUS CERASIFERA	3-6	0-15	H	9.5
1120	S 1	BETULA PENDULA	12-18	15-30		14.5
*24TH ST						
258X	3	ULMUS PARVIFOLIA	6-12	0-15		C6X5.5
425	1	BETULA PENDULA	0-3	0-15		3X3
545	2	MYOPORUM LAETUM	3-6	0-15		5.5X5.5
930	1	ULMUS PARVIFOLIA	6-12	0-15		3.5
1134	S 1	ULMUS PARVIFOLIA	6-12	15-30	H	14.5
1134	S 2	ULMUS PARVIFOLIA	6-12	15-30	H	14.5
1175	S 1	ULMUS PARVIFOLIA	6-12	15-30	H	4X6.5
1175	S 2	ULMUS PARVIFOLIA	6-12	15-30	H	4X6.5
*24TH ST SO.						
524	1	ULMUS PARVIFOLIA	6-12	0-15	L	3.5
*25TH ST						
253X	2	ULMUS PARVIFOLIA	6-12	0-15		4.5X4.5
253X	3	ULMUS PARVIFOLIA	6-12	0-15		4.5X4.5
253X	4	ULMUS PARVIFOLIA	6-12	0-15		4.5X4.5
706	S 1	PRUNUS CERASIFERA	6-12	0-15	H	4.5
*25TH ST SO.						
328	1	ULMUS PARVIFOLIA	3-6	15-30	H	6.5
*26TH ST						
910	S 1	PRUNUS CERASIFERA	6-12	0-15	H	2.5
*27TH ST						
600	2	ACACIA DECURRENS	3-6	0-15		5.5
615	1	PRUNUS SERRULATA	3-6	0-15	H	5.5
615	2	PRUNUS SERRULATA	3-6	0-15	H	5.5
*28TH ST SO.						
311X	1	PLATANUS ACERIFOLIA	12-18	30-45	H	6.5
*29TH ST						
451	1	ULMUS PARVIFOLIA	6-12	15-30		3.5

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*29TH ST						
451	2	ULMUS PARVIFOLIA	6-12	15-30		3.5
569	2	ULMUS PARVIFOLIA	0-3	0-15		3.5X3.5
*30TH ST						
519	1	MELALEUCA LINARIIFOLIA	3-6	0-15		1.5
901	S	1 PRUNUS CERASIFERA	6-12	0-15	H	4
926	2	CRATAEGUS LAEVIGATA	3-6	0-15	H	3.5
*31ST ST						
780	S	1 PRUNUS CERASIFERA	3-6	0-15		3.5X3.5
*32ND ST						
720	1	ULMUS PARVIFOLIA	3-6	0-15		3.5
720	2	ULMUS PARVIFOLIA	3-6	0-15		3.5
850	1	ULMUS PARVIFOLIA	3-6	15-30		3.5X3.5
870	S	1 ULMUS PARVIFOLIA	6-12	0-15		4
901	S	1 ULMUS PARVIFOLIA	6-12	0-15	H	4
901	S	2 ULMUS PARVIFOLIA	6-12	0-15	H	4
1198	S	2 ULMUS PARVIFOLIA	6-12	0-15	H	6.5
*33RD ST						
342X	1	CINNAMOMUM CAMPHORA	0-3	0-15	H	1.5
522	1	CINNAMOMUM CAMPHORA	6-12	15-30	L	1.5
661	1	FRAXINUS UHDEI	6-12	15-30		1.5
661	2	FRAXINUS UHDEI	6-12	15-30		1.5
870	1	ULMUS PARVIFOLIA	6-12	15-30	H	3.5
870	2	ULMUS PARVIFOLIA	6-12	15-30	H	3.5
870	3	ULMUS PARVIFOLIA	6-12	15-30	H	3.5
911	1	ULMUS PARVIFOLIA	6-12	15-30		3.5
911	2	ULMUS PARVIFOLIA	6-12	15-30		3.5
*34TH ST						
328	1	MYOPORUM LAETUM	6-12	0-15	H	4.5
608	1	CINNAMOMUM CAMPHORA	6-12	0-15	H	4.5
611	1	CINNAMOMUM CAMPHORA	12-18	0-15		4.5X4.5
617	1	CINNAMOMUM CAMPHORA	12-18	0-15		4.5
764	2	CINNAMOMUM CAMPHORA	12-18	15-30	H	3.5
821	2	ULMUS PARVIFOLIA	6-12	15-30		3.5X2.5
954	1	CINNAMOMUM CAMPHORA	6-12	15-30	H	3.5
*35TH ST						
560	1	PRUNUS CERASIFERA	3-6	0-15	H	9.5
561	1	ULMUS PARVIFOLIA	6-12	0-15		9.5
561	2	ULMUS PARVIFOLIA	6-12	0-15		9.5
653	1	CINNAMOMUM CAMPHORA	18-24	15-30		3.5
878	S	1 PRUNUS CERASIFERA	6-12	0-15		4
964	1	MYOPORUM LAETUM	12-18	15-30	L	3.5

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*35TH ST						
3425	1	MALUS SPP	3-6	0-15		3.5
*36TH ST						
453	1	QUERCUS ILEX	3-6	0-15		9.5
617	1	ULMUS PARVIFOLIA	6-12	15-30		9.5
960	1	CINNAMOMUM CAMPHORA	6-12	0-15		3.5X3.5
*37TH ST						
129	S	1 ULMUS PARVIFOLIA	6-12	15-30		5X6.5
654		2 CINNAMOMUM CAMPHORA	12-18	0-15		3
665		1 LIQUIDAMBAR STYRACIFLUA	0-3	0-15		3.5
824		1 ULMUS PARVIFOLIA	12-18	0-15		4.5
992		1 CINNAMOMUM CAMPHORA	18-24	0-15		4.5
992		2 CINNAMOMUM CAMPHORA	18-24	0-15		4.5
*38TH ST						
609		1 MELALEUCA LINARIIFOLIA	6-12	15-30		2
651		1 LIGUSTRUM LUCIDUM	6-12	0-15		3X3.5
673		1 ULMUS PARVIFOLIA	6-12	15-30		3X3.5
*39TH ST						
210X		1 ULMUS PARVIFOLIA	3-6	0-15		C2.5X2.5
210X		2 ULMUS PARVIFOLIA	0-3	0-15		C2.5X2.5
658		1 PRUNUS CERASIFERA	12-18	15-30	H	1.5
715		2 CINNAMOMUM CAMPHORA	6-12	0-15		3.5X3.5
755		1 ULMUS PARVIFOLIA	12-18	0-15		3.5
756		1 PRUNUS SPP	3-6	0-15	H	3.5
*39TH ST SO.						
144		1 PRUNUS CERASIFERA	3-6	0-15		9.5
144	S	1 PRUNUS CERASIFERA	3-6	0-15		9.5
144	S	2 PRUNUS CERASIFERA	3-6	0-15		9.5
144	S	3 PRUNUS CERASIFERA	3-6	0-15		9.5
144	S	4 PRUNUS CERASIFERA	3-6	0-15		9.5
372		1 ULMUS PARVIFOLIA	6-12	0-15	H	99
381		1 ULMUS PARVIFOLIA	3-6	0-15		99
391		1 ULMUS PARVIFOLIA	3-6	0-15		99
*41ST ST						
210X		5 MELALEUCA LINARIIFOLIA	6-12	15-30	H	C2X2
*41ST ST SO.						
166	S	1 ERIOBOTRYA JAPONICA	3-6	0-15	H	9.5
166	S	2 ERIOBOTRYA JAPONICA	3-6	0-15	H	9.5
301X		3 QUERCUS ILEX	0-3	0-15		4X4
301X		5 QUERCUS ILEX	0-3	0-15		4X4
301X		8 QUERCUS ILEX	3-6	0-15		4X4
301X		9 QUERCUS ILEX	3-6	0-15		4X4

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*41ST ST SO.						
751	1	ULMUS PARVIFOLIA	3-6	0-15		4.5
751	2	ULMUS PARVIFOLIA	3-6	0-15		4.5
761	1	ULMUS PARVIFOLIA	3-6	0-15		4.5
805	1	ULMUS PARVIFOLIA	6-12	0-15		6.5
805	2	ULMUS PARVIFOLIA	6-12	0-15		6.5
819	1	ULMUS PARVIFOLIA	3-6	0-15		6.5
829	1	ULMUS PARVIFOLIA	3-6	0-15		6.5
837	1	ULMUS PARVIFOLIA	3-6	0-15		6.5
837	2	ULMUS PARVIFOLIA	3-6	0-15		6.5
*42ND ST SO.						
171	S 1	PRUNUS CERASIFERA	0-3	0-15	H	9.5
171	S 2	PRUNUS CERASIFERA	0-3	0-15	H	9.5
171	S 3	PRUNUS CERASIFERA	0-3	0-15	H	9.5
*43RD ST						
511	1	CRATAEGUS PHAENOPYRUM	3-6	0-15		2X2
*43RD ST SO.						
831	1	ULMUS PARVIFOLIA	3-6	0-15		6.5
831	2	ULMUS PARVIFOLIA	3-6	0-15		6.5
912	1	ULMUS PARVIFOLIA	6-12	0-15	H	6.5
922	1	ULMUS PARVIFOLIA	6-12	0-15	H	6.5
938	1	ULMUS PARVIFOLIA	6-12	15-30	H	6.5
*44TH ST						
628	1	PHOTINIA FRASERI	6-12	0-15	H	2X2
*45TH ST SO.						
819	2	ULMUS PARVIFOLIA	6-12	0-15		4.5
825	1	ULMUS PARVIFOLIA	6-12	0-15		4.5
825	2	ULMUS PARVIFOLIA	3-6	0-15		4.5
854	1	ULMUS PARVIFOLIA	6-12	15-30	H	4.5
867	1	ULMUS PARVIFOLIA	6-12	0-15		4.5
868	1	ULMUS PARVIFOLIA	3-6	0-15	H	4.5
868	2	ULMUS PARVIFOLIA	3-6	0-15	H	4.5
939	1	ULMUS PARVIFOLIA	3-6	0-15		4.5
939	2	ULMUS PARVIFOLIA	3-6	0-15		4.5
951	1	ULMUS PARVIFOLIA	6-12	0-15		4.5
951	2	ULMUS PARVIFOLIA	6-12	0-15		4.5
*47TH ST SO.						
751	1	MAYTENUS BOARIA	0-3	0-15		4.5
*49TH ST SO.						
317	1	POPULUS NIGRA 'ITALICA'	6-12	15-30		4
324	1	ULMUS PARVIFOLIA	6-12	15-30		4
615	1	ULMUS PARVIFOLIA	6-12	15-30		4.5

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*49TH ST SO.						
621	1	ULMUS PARVIFOLIA	6-12	15-30		4.5
621	2	ULMUS PARVIFOLIA	6-12	15-30		4.5
4845 S	2	MELALEUCA QUENQUENERVIA	6-12	0-15		99
*50TH ST SO.						
430X	1	POPULUS NIGRA 'ITALICA'	3-6	15-30	H	4.5V
*55TH ST SO.						
1409	2	CRATAEGUS PHAENOPYRUM	3-6	0-15		2.5
*A ST						
433	1	ACACIA MELANOXYLON	18-24	15-30		4.5
*ALAMEDA AV						
5837	1	LIQUIDAMBAR STYRACIFLUA	0-3	0-15	H	9.5
*ALAMO AV						
240	1	MELALEUCA LINARIIFOLIA	0-3	0-15		2.5
560	1	QUERCUS ILEX	3-6	0-15		3X3
*AMADOR ST						
627	1	PERSEA BORBONIA	6-12	0-15		6.5
627	2	PRUNUS CERASIFERA	6-12	0-15		6.5
788	1	QUERCUS ILEX	6-12	0-15	H	4X4
*ANDRADE AV						
2426	1	PRUNUS CERASIFERA	3-6	0-15	H	14
2504	2	PRUNUS CERASIFERA	6-12	15-30	H	14
2510	1	PRUNUS CERASIFERA	3-6	0-15	H	14
2533	2	CHAMAECYPARIS LAWSONIANA	6-12	0-15		14
2901 S	1	ULMUS PARVIFOLIA	6-12	15-30	L	3.5
3244	4	PRUNUS CERASIFERA	6-12	0-15	H	14
3320	2	PRUNUS CERASIFERA	12-18	0-15	H	14
3434	1	PRUNUS CERASIFERA	3-6	0-15	L	14
3434	2	PRUNUS CERASIFERA	3-6	0-15	L	14
*AUTO PLAZA DR						
14H	3	UNKNOWN SPECIES	0-3	0-15		99
*BARNARD ST						
2804	1	ULMUS PARVIFOLIA	0-3	0-15		3.5
*BARRETT AV						
700	1	PLATANUS ACERIFOLIA	3-6	0-15		3X3
825	1	PLATANUS ACERIFOLIA	3-6	15-30		3X3
2369	1	ULMUS PARVIFOLIA	6-12	15-30		3X3C
3701X	1	MELALEUCA LINARIIFOLIA	0-3	0-15	H	99
5011	1	ULMUS PARVIFOLIA	6-12	0-15	H	4.5X4.5
5300	1	PRUNUS CERASIFERA	0-3	0-15		4.5
5322	1	PRUNUS SPP	0-3	0-15		3.5
*BAYVIEW AV						
4937X	1	QUERCUS ILEX	0-3	0-15		4.5X4.5

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STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*BAYVIEW AV						
5001X	1	QUERCUS ILEX	0-3	0-15		4.5X4.5
*BELMONT AV						
3201X	5	ULMUS PARVIFOLIA	3-6	0-15	L	99
*BERK AV						
4566	1	ULMUS PARVIFOLIA	3-6	15-30		4.5
4731	1	ULMUS PARVIFOLIA	6-12	0-15		4.5
4731	2	ULMUS PARVIFOLIA	6-12	0-15		4.5
4815	1	ULMUS PARVIFOLIA	6-12	15-30		4.5
4815	2	ULMUS PARVIFOLIA	6-12	15-30		4.5
4835	1	ULMUS PARVIFOLIA	6-12	0-15		4.5
4841	1	ULMUS PARVIFOLIA	3-6	0-15		4.5
4841	2	ULMUS PARVIFOLIA	3-6	0-15		4.5
4841	3	ULMUS PARVIFOLIA	3-6	0-15		4.5
*BIRMINGHAM DR						
2940	1	MORUS ALBA	3-6	0-15		4.5V
*BISSELL AV						
100	1	ULMUS PARVIFOLIA	6-12	0-15	H	4.5
100	2	ULMUS PARVIFOLIA	6-12	0-15	H	4.5
221	1	ULMUS PARVIFOLIA	6-12	0-15		4.5
1101X	1	LIQUIDAMBAR STYRACIFLUA	3-6	0-15		3X3B
1101X	3	LIQUIDAMBAR STYRACIFLUA	3-6	0-15		3X3B
1201X	2	LIQUIDAMBAR STYRACIFLUA	3-6	0-15		3X3B
1201X	3	LIQUIDAMBAR STYRACIFLUA	3-6	0-15		3X3B
1201X	9	LIQUIDAMBAR STYRACIFLUA	3-6	0-15		3X3B
1301X	5	LIQUIDAMBAR STYRACIFLUA	3-6	0-15		3X3B
1703 S	1	CRATAEGUS LAEVIGATA	3-6	0-15		2.5
*BLUME DR						
21H	5	EUCALYPTUS NICHOLLI	0-3	0-15		3X3
21H	8	EUCALYPTUS NICHOLLI	0-3	0-15		3X3
*BROADWAY						
221	1	PERSEA BORBONIA	6-12	15-30		C4X5
227	2	CINNAMOMUM CAMPHORA	12-18	15-30		C4X5
*BURBECK AV						
1317	1	ULMUS PARVIFOLIA	12-18	15-30		6X9.5
1700X	1	ULMUS PARVIFOLIA	6-12	0-15	L	9.5
1700X	2	ULMUS PARVIFOLIA	6-12	0-15	L	9.5
1700X	3	ULMUS PARVIFOLIA	6-12	0-15	L	9.5
1700X	4	ULMUS PARVIFOLIA	6-12	0-15	L	9.5
1700X	5	ULMUS PARVIFOLIA	6-12	0-15	L	9.5
1700X	7	ULMUS PARVIFOLIA	6-12	15-30	L	9.5
1700X	8	ULMUS PARVIFOLIA	6-12	15-30	L	9.5

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE

*BURBECK AV						
1700X	9	ULMUS PARVIFOLIA	6-12	15-30	L	9.5
1825	2	ULMUS PARVIFOLIA	6-12	15-30		9.5
1929	3	MYOPORUM LAETUM	12-18	0-15		9.5
*BURLINGAME AV						
5821	1	CINNAMOMUM CAMPHORA	6-12	0-15	H	7.5
5821	2	CINNAMOMUM CAMPHORA	6-12	0-15	H	7.5
5826 S	1	ACACIA MELANOXYLON	6-12	15-30		5X5
*CAMPBELL ST						
1103 S	2	MAYTENUS BOARIA	6-12	0-15		4.5
*CANAL BLVD						
101X	1	ULMUS PARVIFOLIA	6-12	15-30		4X4
101X	2	ULMUS PARVIFOLIA	6-12	15-30		4X4
101X	3	ULMUS PARVIFOLIA	6-12	15-30		4X4
101X	4	ULMUS PARVIFOLIA	6-12	15-30		4X4
101X	5	ULMUS PARVIFOLIA	6-12	15-30		4X4
101X	6	ULMUS PARVIFOLIA	6-12	15-30		4X4
248X M	4	ULMUS PARVIFOLIA	0-3	0-15		5
320X	1	QUERCUS ILEX	0-3	0-15		5
320X	2	QUERCUS ILEX	0-3	0-15		5
320X	3	QUERCUS ILEX	0-3	0-15		5
320X	4	QUERCUS ILEX	0-3	0-15		5
320X	5	QUERCUS ILEX	0-3	0-15		5
321	5	ULMUS PARVIFOLIA	6-12	15-30		4X4
321	6	ULMUS PARVIFOLIA	3-6	0-15		4X4
321	8	ULMUS PARVIFOLIA	6-12	0-15		4X4
350X	2	ULMUS PARVIFOLIA	0-3	0-15		5
402X	5	ULMUS PARVIFOLIA	6-12	15-30		5
*CARL AV						
5425	1	PRUNUS CERASIFERA	3-6	0-15	H	4.5
*CARLOS AV						
5712	1	PRUNUS CERASIFERA	6-12	0-15	H	2.5
5715	1	PRUNUS CERASIFERA	3-6	0-15		5.5
5727	1	PRUNUS CERASIFERA	3-6	0-15		5.5
*CARLSON BLVD						
874 S	1	ULMUS PARVIFOLIA	6-12	0-15	L	6.5
890	1	ULMUS PARVIFOLIA	6-12	0-15	H	2.5
890	2	ULMUS PARVIFOLIA	6-12	0-15	H	2.5
896	1	ULMUS PARVIFOLIA	0-3	0-15	H	2.5
1100X	1	ULMUS PARVIFOLIA	3-6	0-15	H	3X3
1200X	4	ULMUS PARVIFOLIA	3-6	0-15	H	3X3
2727 S	2	MAYTENUS BOARIA	3-6	0-15		5.5

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*CARLSON BLVD						
2800	S	1 PRUNUS SERRULATA	0-3	0-15	H	5.5
2902X	M	1 MELALEUCA LINARIIFOLIA	6-12	0-15		3.5
*CASTILLA WAY						
4713		1 PRUNUS CERASIFERA	3-6	0-15		99
4714		1 CRINODENDRON PATAGUA	6-12	15-30		99
4724		1 PRUNUS SPP	6-12	0-15		99
4802		1 CRINODENDRON PATAGUA	12-18	15-30		99
*CENTER AV						
3217		2 PRUNUS CERASIFERA	0-3	0-15	L	2.5
3521		1 PRUNUS CERASIFERA	3-6	0-15	H	9.5
3535		1 PRUNUS CERASIFERA	3-6	0-15	H	9.5
3617		1 PRUNUS CERASIFERA	3-6	0-15	H	9.5
3617		2 PRUNUS CERASIFERA	3-6	0-15	H	9.5
3724		1 PRUNUS CERASIFERA	3-6	0-15		9.5
3724		2 PRUNUS CERASIFERA	3-6	0-15		9.5
4313		1 ULMUS PARVIFOLIA	6-12	0-15	H	2.5
4313		2 ULMUS PARVIFOLIA	6-12	0-15	H	2.5
*CERRITO AV						
3608	S	2 CINNAMOMUM CAMPHORA	6-12	0-15		9.5
3615		1 PRUNUS CERASIFERA	3-6	0-15		3.5
3701		1 PRUNUS CERASIFERA	3-6	0-15	H	3.5
3701		2 PRUNUS CERASIFERA	3-6	0-15	H	3.5
3701	S	1 PRUNUS CERASIFERA	3-6	0-15		4
*CHANSIOR AV						
701X		1 ACER SACCHARINUM	24-30	15-30		4.5
828		1 PLATANUS ACERIFOLIA	12-18	15-30	H	4.5
828		2 PLATANUS ACERIFOLIA	12-18	15-30	H	4.5
834		1 PLATANUS ACERIFOLIA	18-24	30-45	H	4.5
1301		1 PRUNUS CERASIFERA	3-6	0-15		4.5
1531		1 MAGNOLIA GRANDIFLORA	3-6	0-15		4.5
2500		1 CRINODENDRON PATAGUA	12-18	15-30	H	4.5X4.5
*CHERRY ST						
1331	S	1 PHOTINIA FRASERI	3-6	0-15		3X3
*CLINTON AV						
2600		1 PRUNUS CERASIFERA	6-12	0-15		3X3
2600		2 PRUNUS CERASIFERA	12-18	0-15		3X3
2600		3 PRUNUS CERASIFERA	12-18	0-15		3X3
2707		1 PRUNUS CERASIFERA	0-3	0-15	H	1X1
2930	S	1 ULMUS PARVIFOLIA	6-12	15-30		5.5X5.5
2930	S	2 ULMUS PARVIFOLIA	6-12	15-30		5.5X5.5
3409		1 ULMUS PARVIFOLIA	12-18	0-15	H	5.5

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STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*CLINTON AV						
3428	1	UNKNOWN SPECIES	6-12	0-15		5.5
3428	2	UNKNOWN SPECIES	6-12	0-15		5.5
4015	1	PRUNUS CERASIFERA	3-6	0-15	H	5.5
4015	2	PRUNUS CERASIFERA	3-6	0-15	H	5.5
5301	2	PRUNUS CERASIFERA	0-3	0-15	H	6.5
5301	3	PRUNUS CERASIFERA	0-3	0-15	H	6.5
5534	1	PRUNUS BLIREIANA	6-12	0-15		6.5
5534	2	PRUNUS CERASIFERA	3-6	0-15		6.5
*COALINGA AV						
2000	1	ULMUS PARVIFOLIA	6-12	0-15	H	6.5
2212	1	ULMUS PARVIFOLIA	6-12	0-15	L	6.5
*COLUMBIA AV						
2500X	1	ACACIA MELANOXYLON	12-18	15-30		4.5
2500X	2	ACACIA MELANOXYLON	6-12	15-30		4.5
*COSTA AV						
1810	1	PRUNUS CERASIFERA	3-6	0-15	H	6.5
*COTTAGE AV						
239X	1	PRUNUS CERASIFERA	6-12	0-15	H	5
239X	2	PRUNUS CERASIFERA	12-18	0-15	H	5
*CREELY AV						
5020	1	ULMUS PARVIFOLIA	6-12	0-15		6.5
*CUTTING BLVD						
2716	1	PRUNUS CERASIFERA	6-12	15-30		9.5
3001	3	MYOPORUM LAETUM	6-12	0-15	H	2X2
4802	1	CRINODENDRON PATAGUA	6-12	0-15		99
*CYPRESS AV						
4700X	10	ULMUS PARVIFOLIA	6-12	15-30	H	4.5
*DIMM ST						
403	S 1	PRUNUS CERASIFERA	0-3	0-15		3.5
403	S 2	PRUNUS CERASIFERA	0-3	0-15		3.5
453	1	ULMUS PARVIFOLIA	6-12	15-30		3.5
*DOWNER AV						
2825	2	CINNAMOMUM CAMPHORA	12-18	15-30	H	3.5
*DUNN AV						
2025	1	ULMUS PARVIFOLIA	12-18	30-45		5X5
*EIGHTH ST						
200X	7	PYRUS KAWAKAMII	0-3	0-15		3X3B
694	1	CRATAEGUS LAEVIGATA	3-6	0-15		2.5
832	2	MYOPORUM LAETUM	6-12	0-15		4
885	1	JUGLANS HINDSII	18-24	15-30	H	4.5
885	S 2	ULMUS PARVIFOLIA	6-12	0-15	H	4.5

APPENDIX C-1
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STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*EIGHTH ST						
900X	3	LIRIODENDRON TULIPIFERA	0-3	0-15		4.5
*EIGHTH ST SO.						
125	4	ULMUS PARVIFOLIA	6-12	15-30		4.5X4.5
*ELLS ST						
1100X	3	ULMUS PARVIFOLIA	6-12	0-15		4.5X4.5
1100X	4	ULMUS PARVIFOLIA	6-12	0-15		4.5X4.5
1101X	1	ULMUS PARVIFOLIA	6-12	0-15		4.5X4.5
1101X	2	ULMUS PARVIFOLIA	6-12	0-15		4.5X4.5
1101X	3	ULMUS PARVIFOLIA	6-12	0-15		4.5X4.5
1101X	4	ULMUS PARVIFOLIA	6-12	15-30		4.5X4.5
1101X	5	ULMUS PARVIFOLIA	6-12	15-30		4.5X4.5
1101X	6	ULMUS PARVIFOLIA	6-12	15-30		4.5X4.5
1101X	7	ULMUS PARVIFOLIA	3-6	0-15		4.5X4.5
1101X	10	ULMUS PARVIFOLIA	12-18	15-30		4.5X4.5
*ESMOND AV						
992	S	1 CINNAMOMUM CAMPHORA	18-24	0-15		3.5
992	S	4 CINNAMOMUM CAMPHORA	18-24	0-15		3.5
2010		2 CRATAEGUS PHAENOPYRUM	3-6	0-15	H	6.5
2551X		5 PRUNUS CERASIFERA	6-12	15-30	H	2.5X2.5
2700		1 PRUNUS CERASIFERA	12-18	15-30		3X2.5
2925	S	1 ULMUS PARVIFOLIA	6-12	0-15		3.5
2925	S	2 ULMUS PARVIFOLIA	6-12	0-15		3.5
5229		1 SCHINUS MOLLE	24-30	0-15		9.5
5411		1 PRUNUS AMYGDALUS	6-12	0-15		6.5
*ESSEX AV						
1001X		5 ACACIA MELANOXYLON	12-18	30-45		4X4
*FIFTH ST						
158		2 MAGNOLIA GRANDIFLORA	12-18	30-45		5.5X4
555		1 CRINODENDRON PATAGUA	6-12	0-15	H	4.5
565		1 CRINODENDRON PATAGUA	6-12	0-15	H	4.5
619		1 CRATAEGUS LAEVIGATA	0-3	0-15	H	4.5
*FIFTH ST SO.						
234		1 ULMUS PARVIFOLIA	3-6	0-15	H	6.5
234		2 UNKNOWN SPECIES	3-6	0-15	H	6.5
333		1 ULMUS PARVIFOLIA	6-12	15-30		6.5
*FIRST ST						
664		2 PRUNUS CERASIFERA	3-6	15-30	L	4.5
*FLEMING AV						
4900X		3 ULMUS PARVIFOLIA	6-12	0-15		4.5X3
4900X		4 ULMUS PARVIFOLIA	6-12	0-15		4.5X3
4900X		5 ULMUS PARVIFOLIA	6-12	0-15		4.5X3

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*FLEMING AV						
4900X	6	ULMUS PARVIFOLIA	6-12	0-15		4.5X3
4900X	7	ULMUS PARVIFOLIA	3-6	0-15		4.5X3
4901X	1	ULMUS PARVIFOLIA	12-18	15-30		99
4901X	2	ULMUS PARVIFOLIA	12-18	0-15		4X4.5
4901X	3	ULMUS PARVIFOLIA	12-18	0-15		4X4.5
*FLORIDA AV						
320	1	CRINODENDRON PATAGUA	6-12	0-15	H	6.5
322	1	CRINODENDRON PATAGUA	12-18	0-15	H	6.5
601	1	PINUS RADIATA	0-3	0-15		6.5
601	2	PINUS RADIATA	0-3	0-15		6.5
703	1	ULMUS PARVIFOLIA	6-12	0-15		6.5
804	2	PRUNUS CERASIFERA	3-6	0-15	H	6.5
1014	2	ACACIA MELANOXYLON	18-24	15-30	H	C6.5
1820	1	ULMUS PARVIFOLIA	6-12	15-30	H	6.5
1901	S 2	CRATAEGUS LAEVIGATA	0-3	0-15		5
1901	S 3	CRATAEGUS LAEVIGATA	0-3	0-15		5
2110	1	ULMUS PARVIFOLIA	6-12	0-15	H	6.5
2706	1	PRUNUS CERASIFERA	3-6	0-15		3.5
2710	1	PRUNUS CERASIFERA	3-6	0-15		3.5
2718	1	PRUNUS CERASIFERA	3-6	0-15		3.5
2718	2	PRUNUS CERASIFERA	3-6	0-15		3.5
2718	3	PRUNUS CERASIFERA	3-6	0-15		3.5
2915	1	FRAXINUS VELUTINA 'GLABRA'	6-12	0-15	H	3.5
3403	1	PRUNUS CERASIFERA	6-12	0-15	H	9.5
3531	1	PRUNUS CERASIFERA	3-6	0-15	H	9.5
4310	1	CRATAEGUS PHAENOPYRUM	3-6	0-15	H	2.5
*FOURTH ST SO.						
201	1	PERSEA BORBONIA	6-12	15-30	H	9
224	1	ACACIA MELANOXYLON	12-18	15-30		9
*FRAN WAY						
4101X	2	QUERCUS AGRIFOLIA	0-3	0-15		5X5B
4147	1	QUERCUS ILEX	3-6	0-15		2X2
*FRESNO AV						
5229	2	ACER SACCHARINUM	6-12	15-30		4.5
5600	1	QUERCUS ILEX	6-12	0-15	H	5.5
5600	2	QUERCUS ILEX	6-12	0-15	H	5.5
*GARRARD BLVD						
240	1	ACACIA MELANOXYLON	18-24	30-45	H	6.5
*GARRARD BLVD SO.						
200	1	ACACIA MELANOXYLON	6-12	0-15	H	4
*GARVIN AV						
1428	1	PHOTINIA FRASERI	6-12	0-15	H	4.5

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STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*GARVIN AV						
1927	2	PRUNUS CERASIFERA	6-12	15-30		9.5
2510	1	ILEX SPP	3-6	0-15		4.5
2700	1	PRUNUS SPP	6-12	0-15		4.5
2700	2	PRUNUS CERASIFERA	3-6	0-15		4.5
2700	3	PRUNUS CERASIFERA	3-6	0-15		4.5
2740	1	PRUNUS CERASIFERA	3-6	0-15		4.5X4.5
3618	2	BETULA PENDULA	3-6	0-15		3.5
5300	S 1	ULMUS PARVIFOLIA	3-6	0-15		9.5
5300	S 2	ULMUS PARVIFOLIA	6-12	15-30		9.5
5300	S 3	ULMUS PARVIFOLIA	6-12	15-30		9.5
5510	1	PRUNUS CERASIFERA	3-6	0-15	H	14.5
5613	1	ULMUS PARVIFOLIA	6-12	15-30		14
5613	2	ULMUS PARVIFOLIA	6-12	15-30		14
5641	S 2	ULMUS PARVIFOLIA	6-12	0-15	L	6.5
*GATELY AV						
5212	1	ALNUS RHOMBIFOLIA	3-6	0-15		4.5
*GAYNOR AV						
2381	2	BETULA PENDULA	3-6	0-15	H	4.5
*GERTRUDE AV						
255	1	PHOTINIA FRASERI	0-3	0-15		2.5
300X	1	QUERCUS ILEX	0-3	0-15	H	3X3
301X	1	QUERCUS ILEX	0-3	0-15		3X3
308	1	QUERCUS ILEX	0-3	0-15	H	3X3
407X	1	QUERCUS ILEX	3-6	0-15		3X3
*GILMA DR						
2993	1	FRAXINUS VELUTINA 'GLABRA'	6-12	0-15		99
*GRANT AV						
2535	1	ULMUS PARVIFOLIA	6-12	15-30		5.5
2550	1	PRUNUS CERASIFERA	3-6	0-15	H	5.5
2550	2	PRUNUS CERASIFERA	3-6	0-15	H	5.5
2550	3	PRUNUS CERASIFERA	3-6	0-15	H	5.5
2730	S 1	PERSEA BORBONIA	3-6	0-15	L	5.5
2730	S 2	PERSEA BORBONIA	3-6	0-15	L	5.5
2730	S 3	PERSEA BORBONIA	3-6	0-15	L	5.5
*GROOM DR						
3009X	1	FRAXINUS VELUTINA 'GLABRA'	3-6	15-30		4.5
*GROVE ST						
25	1	QUERCUS SUBER	3-6	0-15	L	4.5
*HARBOUR WAY SO.						
144	2	MAGNOLIA GRANDIFLORA	0-3	0-15		5.5
200X	1	ACACIA MELANOXYLON	18-24	30-45		6.5

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TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*HARBOUR WAY SO.						
229	1	PERSEA BORBONIA	6-12	0-15	H	6.5
230X	1	ACACIA MELANOXYLON	24-30	30-45		6.5
*HARTNETT AV						
4707	1	ULMUS PARVIFOLIA	3-6	0-15		2.5X2.5
4740X M	2	ULMUS PARVIFOLIA	6-12	0-15		7
4740X M	3	ULMUS PARVIFOLIA	6-12	0-15		7
4740X M	4	ULMUS PARVIFOLIA	6-12	0-15		7
4740X M	5	ULMUS PARVIFOLIA	6-12	0-15		7
4765	1	ULMUS PARVIFOLIA	6-12	15-30		2.5X2.5
4765	2	ULMUS PARVIFOLIA	3-6	15-30		2.5X2.5
5000X M	2	ULMUS PARVIFOLIA	3-6	0-15		7
5010X M	3	ULMUS PARVIFOLIA	6-12	0-15		7
5011X	1	ULMUS PARVIFOLIA	3-6	0-15		2.5X2.5
*HAWTHORNE AV						
500	4	ACACIA MELANOXYLON	3-6	0-15		5.5
*HELLINGS AV						
1527	1	PRUNUS CERASIFERA	0-3	0-15		6.5
1800	1	PRUNUS CERASIFERA	3-6	0-15	H	6.5
2124	1	PRUNUS CERASIFERA	12-18	0-15	H	6.5
*HILLTOP DR						
2900X	50	EUCALYPTUS SPP	18-24	15-30		99
*HILLTOP MALL RD						
54H	3	PLATANUS ACERIFOLIA	0-3	0-15		99
54H	28	PLATANUS ACERIFOLIA	0-3	0-15		99
*HUMBOLDT ST						
686	1	MAGNOLIA GRANDIFLORA	0-3	0-15		6.5
994	1	SALIX SPP	12-18	15-30		9.5
*HUMPHREY AV						
2534	1	CERATONIA SILIQUA	6-12	0-15	H	6.5
2700	2	PRUNUS CERASIFERA	12-18	15-30	H	6.5
2737	1	PRUNUS CERASIFERA	6-12	15-30		6.5
2737	2	PRUNUS CERASIFERA	6-12	15-30		6.5
3411	1	PRUNUS CERASIFERA	12-18	0-15		6.5
3411	2	PRUNUS CERASIFERA	6-12	0-15		6.5
3434	1	PRUNUS CERASIFERA	3-6	0-15	H	6.5
*HUNTINGTON AV						
5100X	3	MAGNOLIA GRANDIFLORA	0-3	0-15		5.5X3
5425	1	ACACIA MELANOXYLON	24-30	15-30	H	8.5
5439	2	ULMUS PARVIFOLIA	6-12	15-30	H	8.5
5617	1	PERSEA BORBONIA	6-12	15-30	H	8.5
5624	1	PRUNUS CERASIFERA	6-12	15-30		8.5

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**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*JEFFERSON AV						
5732	1	PRUNUS CERASIFERA	3-6	0-15		14
*JO ANN DR						
2765	1	FRAXINUS VELUTINA 'GLABRA'	6-12	0-15		99
2903	1	ULMUS PARVIFOLIA	12-18	15-30		3.5
2906	S 1	ULMUS PARVIFOLIA	12-18	30-45		3.5
2918	1	ULMUS PARVIFOLIA	12-18	15-30		3.5
2923	1	ULMUS PARVIFOLIA	12-18	15-30		3.5
2930	1	ULMUS PARVIFOLIA	12-18	15-30		3.5
2939	1	ULMUS PARVIFOLIA	6-12	15-30		3.5
2947	1	ULMUS PARVIFOLIA	6-12	15-30		3.5
3002	1	ULMUS PARVIFOLIA	6-12	15-30		3.5
3003	1	ULMUS PARVIFOLIA	6-12	15-30		3.5
3009	1	ULMUS PARVIFOLIA	6-12	15-30		3.5
3015	1	ULMUS PARVIFOLIA	6-12	15-30		3.5
3016	1	ULMUS PARVIFOLIA	12-18	15-30		3.5
3022	1	ULMUS PARVIFOLIA	6-12	0-15		3.5
3027	1	ULMUS PARVIFOLIA	6-12	15-30		3.5
3032	1	ULMUS PARVIFOLIA	3-6	0-15		3.5
3050	1	ULMUS PARVIFOLIA	3-6	0-15		3X3
3067	1	ULMUS PARVIFOLIA	6-12	15-30		3.5
3103	1	ULMUS PARVIFOLIA	6-12	15-30		3X3
3109	1	ULMUS PARVIFOLIA	6-12	15-30		3X3
3115	1	ULMUS PARVIFOLIA	6-12	15-30		3X3
3128	1	ULMUS PARVIFOLIA	12-18	15-30		3.5
3134	1	ULMUS PARVIFOLIA	6-12	15-30		3.5
3135	1	ULMUS PARVIFOLIA	6-12	15-30		3X3
*KELSEY ST						
1365	1	MYOPORUM LAETUM	6-12	0-15		3X3
1411	1	MYOPORUM LAETUM	6-12	0-15		3X3
*KERN ST						
623	1	PRUNUS CERASIFERA	3-6	0-15		3
623	2	PRUNUS CERASIFERA	3-6	0-15		5
670	1	JUNIPERUS CHINENSIS	0-3	0-15	L	6.5
682	1	ULMUS PARVIFOLIA	6-12	15-30	L	6.5
682	2	ULMUS PARVIFOLIA	6-12	15-30	L	6.5
688	1	ULMUS PARVIFOLIA	6-12	15-30	L	6.5
836	2	CINNAMOMUM CAMPHORA	6-12	0-15	H	6
*KEY BLVD						
495	1	LIQUIDAMBAR STYRACIFLUA	0-3	0-15	H	9
495	2	LIQUIDAMBAR STYRACIFLUA	0-3	0-15	H	9
*LASSEN ST						
721	1	PYRUS KAWAKAMII	0-3	0-15	H	2X2

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:							
ALL TREES NEEDING REMOVAL							
ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE	
*****	****	*****	*****	*****	***	*****	
*LASSEN ST							
835	1	CINNAMOMUM CAMPHORA	6-12	15-30	H	9.5	
856	2	PINUS RADIATA	0-3	0-15		9.5	
1042	1	ULMUS PARVIFOLIA	6-12	0-15		6	
*LINCOLN AV							
801	1	LIRIODENDRON TULIPIFERA	0-3	0-15		4.5	
1527	2	ULMUS PARVIFOLIA	6-12	0-15		4.5X4.5	
1628	1	ULMUS PARVIFOLIA	6-12	0-15	H	4.5	
2029	1	ULMUS PARVIFOLIA	6-12	0-15		4.5X4.5	
2034	1	ULMUS PARVIFOLIA	3-6	0-15	H	4.5X4.5	
2401	S	1 PHOTINIA FRASERI	0-3	0-15		4.5	
2533		1 PRUNUS SPP	0-3	0-15		9.5	
2600	S	1 MELALEUCA LINARIIFOLIA	12-18	15-30		5.5V	
2736		1 PRUNUS CERASIFERA	12-18	0-15	H	9.5	
2736		2 PRUNUS CERASIFERA	6-12	0-15	H	9.5	
2832		1 ILEX SPP	6-12	0-15	H	9.5	
2855		1 PRUNUS CERASIFERA	3-6	0-15		9.5	
*LOWELL AV							
2361		1 MELALEUCA LINARIIFOLIA	6-12	0-15	H	5X5	
2634		1 PRUNUS CERASIFERA	6-12	0-15		9.5	
2634		2 PRUNUS CERASIFERA	6-12	0-15		9.5	
2878		2 MELALEUCA LINARIIFOLIA	12-18	15-30		9.5	
3259		1 PRUNUS CERASIFERA	6-12	15-30	H	9.5	
3401	S	2 PERSEA BORBONIA	12-18	0-15	H	3X3.5	
3601X		6 QUERCUS ILEX	0-3	0-15	H	C9.5	
*LUCAS AV							
821	1	ULMUS PARVIFOLIA	6-12	15-30		4.5	
821	2	ULMUS PARVIFOLIA	6-12	15-30		4.5	
*MACDONALD AV							
600X M	4	ULMUS PARVIFOLIA	3-6	0-15		12V	
826X S	3	LIRIODENDRON TULIPIFERA	0-3	0-15		C3X3B	
1200X M	1	ULMUS PARVIFOLIA	6-12	15-30		12V	
2105	2	MELALEUCA LINARIIFOLIA	3-6	0-15		C2X2	
2400	1	ULMUS PARVIFOLIA	6-12	0-15		C2.5X2.5	
2400	2	ULMUS PARVIFOLIA	6-12	0-15		C2.5X2.5	
2400	3	ULMUS PARVIFOLIA	6-12	0-15		C2.5X2.5	
2400	5	ULMUS PARVIFOLIA	6-12	0-15		C2.5X2.5	
2809	1	ULMUS PARVIFOLIA	6-12	15-30		2X2	
2815	1	ULMUS PARVIFOLIA	6-12	15-30		2X2	
2831	1	ULMUS PARVIFOLIA	6-12	15-30		2X2	
3029	S	2 CINNAMOMUM CAMPHORA	6-12	0-15	H	3X3	
3029	S	3 CINNAMOMUM CAMPHORA	18-24	15-30	H	3X3	

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*MACDONALD AV						
3300	6	ULMUS PARVIFOLIA	6-12	15-30		C2.5X2.5
3501	3	ULMUS PARVIFOLIA	3-6	0-15		2X2
3501	4	ULMUS PARVIFOLIA	3-6	0-15		2X2
3506	1	ULMUS PARVIFOLIA	6-12	15-30		C2.5X2.5
3510X	1	ULMUS PARVIFOLIA	6-12	15-30		C2.5X2.5
3526	1	ULMUS PARVIFOLIA	6-12	15-30		C2.5X2.5
3600	1	ULMUS PARVIFOLIA	6-12	15-30		C2.5X2.5
3601	1	ULMUS PARVIFOLIA	6-12	15-30		3X3
3720X	2	PHOTINIA FRASERI	6-12	15-30		C2.5X2.5
3720X	3	PHOTINIA FRASERI	6-12	15-30		C2.5X2.5
3725X	1	ULMUS PARVIFOLIA	6-12	15-30		3X3
3725X	2	ULMUS PARVIFOLIA	6-12	15-30		3X3
3810	1	PHOTINIA FRASERI	6-12	15-30		C2.5X2.5
3813	1	ULMUS PARVIFOLIA	6-12	15-30		3X3
3909	1	ULMUS PARVIFOLIA	6-12	15-30		3X3
3925	1	ULMUS PARVIFOLIA	6-12	15-30		3X3
3925	2	ULMUS PARVIFOLIA	6-12	15-30		3X3
4027	1	ULMUS PARVIFOLIA	6-12	15-30		3X3
4100X	1	ULMUS PARVIFOLIA	3-6	0-15		C2X2
4200X	5	PERSEA BORBONIA	6-12	0-15		C4.5
4200X	8	PERSEA BORBONIA	6-12	0-15		C4.5
4200X	9	PERSEA BORBONIA	6-12	0-15		C4.5
4200X	10	PERSEA BORBONIA	6-12	0-15		C4.5
4301	1	ULMUS PARVIFOLIA	6-12	15-30		3X3
4505	1	UNKNOWN SPECIES	0-3	0-15		C2.5X2.5
4561X	1	UNKNOWN SPECIES	0-3	0-15		C2.5X2.5
*MACDONALD AV W.						
14	2	ULMUS PARVIFOLIA	6-12	15-30	H	5.5
59	1	MYOPORUM LAETUM	3-6	0-15		6.5
*MADISON AV						
5500X	3	PRUNUS CERASIFERA	3-6	0-15	H	2X2
*MAINE AV						
510	1	ULMUS PARVIFOLIA	6-12	0-15	H	6
1621	1	ULMUS PARVIFOLIA	12-18	0-15		6
2412	1	QUERCUS ILEX	3-6	0-15	H	9.5
2421	1	ULMUS PARVIFOLIA	0-3	0-15		9.5
2533	1	ULMUS PARVIFOLIA	3-6	15-30		9.5
2613	1	ULMUS PARVIFOLIA	3-6	0-15		9.5
2730	1	ULMUS PARVIFOLIA	12-18	15-30	L	9.5
2730	2	ULMUS PARVIFOLIA	12-18	15-30	L	9.5
*MARICOPA AV						
2504	1	PRUNUS CERASIFERA	3-6	0-15		6.5

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STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*MARICOPA AV						
2511	2	PRUNUS CERASIFERA	6-12	0-15	H	6.5
*MARINA WAY						
33X	1	ULMUS PARVIFOLIA	6-12	15-30		C8.5
33X	2	ULMUS PARVIFOLIA	6-12	15-30		C8.5
*MARIPOSA ST						
1343	1	PERSEA BORBONIA	3-6	0-15	H	5.5
1344	1	CINNAMOMUM CAMPHORA	12-18	30-45		5.5
1538	1	ULMUS PARVIFOLIA	6-12	15-30		5.5
*MARTINA ST						
122	1	CRINODENDRON PATAGUA	3-6	0-15	H	3
122	2	CRINODENDRON PATAGUA	3-6	0-15	H	3
122	3	MAGNOLIA GRANDIFLORA	3-6	15-30	H	3
*MAY RD						
3409	1	ULMUS PARVIFOLIA	3-6	0-15		5.5
3605	1	ULMUS PARVIFOLIA	0-3	0-15		5X5
*MC BRYDE AV						
2538	1	PRUNUS CERASIFERA	6-12	15-30		4.5
2933	1	ULMUS PARVIFOLIA	6-12	15-30	H	4.5
3005	1	PRUNUS CERASIFERA	3-6	0-15	H	4.5
3025	1	ULMUS PARVIFOLIA	6-12	0-15	H	4.5
5224	1	ULMUS PARVIFOLIA	6-12	0-15	H	6X8
5424	1	ULMUS PARVIFOLIA	12-18	0-15	H	14.5
5424	2	ULMUS PARVIFOLIA	12-18	0-15	H	14.5
*MC LAUGHLIN ST						
521	1	ACACIA MELANOXYLON	12-18	15-30	H	10.5
793	1	CINNAMOMUM CAMPHORA	18-24	15-30	H	9.5
1020	1	ULMUS PARVIFOLIA	6-12	15-30		9.5
*MENDOCINO ST						
1600	1	ULMUS PARVIFOLIA	3-6	0-15	H	5X4
*MERCED ST						
1327	1	ULMUS PARVIFOLIA	6-12	0-15		5.5
*MONTEREY ST						
1307	1	PERSEA BORBONIA	12-18	15-30	L	4.5
*MORAN AV						
3234	1	MAGNOLIA GRANDIFLORA	12-18	0-15		6.5
3234	2	MAGNOLIA GRANDIFLORA	12-18	0-15		6.5
*MORNINGSIDE DR						
3411	1	QUERCUS ILEX	3-6	0-15		3X3
*MOUNT ST						
431	S 1	ULMUS PARVIFOLIA	3-6	15-30		3
466	1	PRUNUS CERASIFERA	3-6	0-15		3.5

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**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*MOUNT ST						
555	1	CINNAMOMUM CAMPHORA	3-6	15-30	H	3.5
*MOYERS RD						
3045	1	PRUNUS SPP	0-3	0-15		4.5
*MURDOCK ST						
142	1	CINNAMOMUM CAMPHORA	6-12	15-30		4.5X4.5
*NEVIN AV						
2729	S	1 ULMUS PARVIFOLIA	6-12	15-30	H	4.5
3211		1 PRUNUS CERASIFERA	6-12	0-15		2.5
3215		1 PRUNUS CERASIFERA	6-12	0-15		2.5
3215		2 PRUNUS CERASIFERA	6-12	0-15		2.5
3901		1 PRUNUS CERASIFERA	6-12	15-30		2.5
3901	S	3 CINNAMOMUM CAMPHORA	6-12	15-30	L	1X1
4312		2 PRUNUS CERASIFERA	3-6	0-15	H	3.5
*NICHOLL AV						
5	1	ACACIA MELANOXYLON	12-18	15-30	H	5.5
*NINTH ST						
240X	2	LIRIODENDRON TULIPIFERA	0-3	0-15		C3X3B
312	1	LIRIODENDRON TULIPIFERA	0-3	0-15		C3X3B
314X	1	LIRIODENDRON TULIPIFERA	0-3	0-15		C3X3B
859	1	ULMUS PARVIFOLIA	12-18	0-15		4.5
*NINTH ST SO.						
401	S	1 FRAXINUS UHDEI	0-3	0-15	H	6
407	2	FRAXINUS UHDEI	3-6	0-15		9
*OHIO AV						
630	1	PRUNUS CERASIFERA	3-6	0-15	H	4.5
1815	1	PERSEA BORBONIA	3-6	0-15		6
1815	2	PERSEA BORBONIA	3-6	0-15		6
1820	1	PRUNUS CERASIFERA	3-6	0-15	H	4
1928	S	1 ACACIA MELANOXYLON	12-18	0-15	H	8
2916	1	PRUNUS CERASIFERA	0-3	0-15		2.5
*PANAMA AV						
5916	1	PRUNUS CERASIFERA	3-6	0-15	H	5.5
*PARK PL						
109	1	ULMUS PARVIFOLIA	6-12	15-30		4X4
120X	4	ULMUS PARVIFOLIA	6-12	15-30		4X4
*PENNSYLVANIA AV						
829	S	1 ACACIA MELANOXYLON	12-18	15-30		2.5
1821		1 PLATANUS ACERIFOLIA	12-18	0-15	H	4.5
1911	2	CINNAMOMUM CAMPHORA	12-18	15-30	H	4.5
*PLACER ST						
1900	1	PERSEA BORBONIA	6-12	0-15		5.5

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*POTRERO AV						
4100		1 ULMUS PARVIFOLIA	3-6	0-15	H	2.5
4300	S	1 ULMUS PARVIFOLIA	3-6	0-15		6.5
4300	S	2 ULMUS PARVIFOLIA	3-6	0-15		6.5
4300	S	3 ULMUS PARVIFOLIA	3-6	0-15		6.5
*PREBLE AV						
2300X		2 PERSEA BORBONIA	6-12	15-30		4X4
*REECE CT						
4815		1 CRATAEGUS PHAENOPYRUM	3-6	0-15		99
*REID CT						
5034		1 PERSEA BORBONIA	3-6	0-15		99
*RHEEM AV						
1433	S	3 CINNAMOMUM CAMPHORA	12-18	15-30		4.5
2335		1 PRUNUS CERASIFERA	3-6	0-15	H	14.5
2353		1 PRUNUS CERASIFERA	3-6	0-15	H	14.5
2353		2 PRUNUS CERASIFERA	3-6	0-15	H	14.5
2818		1 CINNAMOMUM CAMPHORA	18-24	15-30		14.5
3200	S	1 MAYTENUS BOARIA	3-6	0-15		3.5
*RICHMOND AV E						
317		2 YUCCA GLORIOSA	3-6	0-15	H	11
*RICHMOND AV W						
5X		2 ULMUS PARVIFOLIA	6-12	15-30	H	4X4
151X		1 ULMUS PARVIFOLIA	6-12	15-30	H	3X3
*ROBERT MILLER DR						
38H		9 FRAXINUS UHDEI	0-3	0-15		4X3
*ROOSEVELT AV						
2325		2 ULMUS PARVIFOLIA	12-18	0-15	H	5.5X4
2343		1 ULMUS PARVIFOLIA	12-18	0-15	H	5.5X4
2383		1 PRUNUS CERASIFERA	3-6	0-15	H	5.5X4
2383		2 PRUNUS CERASIFERA	3-6	0-15	H	5.5X4
2531		1 PERSEA BORBONIA	3-6	0-15	H	5.5
3600	S	3 CINNAMOMUM CAMPHORA	0-3	0-15	H	9.5
4101X		2 ULMUS PARVIFOLIA	6-12	0-15	H	3
4101X		3 ULMUS PARVIFOLIA	6-12	0-15	H	3
*ROSEWOOD AV						
874	S	1 ULMUS PARVIFOLIA	6-12	0-15	L	6.5
4100	S	1 ULMUS PARVIFOLIA	3-6	0-15	L	6.5
*SACRAMENTO AV						
5440X		1 PRUNUS CERASIFERA	3-6	0-15	L	5.5
5446		1 PRUNUS CERASIFERA	3-6	0-15	H	5.5
5706		1 PRUNUS CERASIFERA	6-12	0-15	H	5.5
5706		2 PRUNUS CERASIFERA	6-12	0-15	H	5.5

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TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE

*SACRAMENTO AV						
5727	2	PRUNUS CERASIFERA	3-6	0-15		5.5
5730	1	PERSEA BORBONIA	3-6	0-15	L	5.5
*SAN JOAQUIN ST						
2121	16	PYRUS KAWAKAMII	0-3	0-15		3X3
2121	20	PYRUS KAWAKAMII	0-3	0-15		3X3
2121	21	PYRUS KAWAKAMII	0-3	0-15		3X3
2309	S 2	ACACIA MELANOXYLON	18-24	0-15		5.5
*SAN JOSE AV						
5620	1	ULMUS PARVIFOLIA	6-12	15-30	H	5.5
5827	1	QUERCUS ILEX	3-6	0-15		5.5
*SAN MATEO ST						
2020X	3	ULMUS PARVIFOLIA	6-12	15-30		6.5
2020X	4	ULMUS PARVIFOLIA	6-12	15-30		4X4
2020X	5	ULMUS PARVIFOLIA	6-12	15-30		4X4
2020X	6	ULMUS PARVIFOLIA	6-12	15-30		4X4
2020X	7	ULMUS PARVIFOLIA	6-12	15-30		4X4
2020X	8	ULMUS PARVIFOLIA	6-12	15-30		4X4
2020X	9	ULMUS PARVIFOLIA	6-12	15-30		4X4
2020X	10	ULMUS PARVIFOLIA	6-12	15-30		4X4
2501	1	SYZYGUIM PANICULATUM	12-18	15-30	H	7.5
2501	2	SYZYGUIM PANICULATUM	12-18	15-30	H	7.5
*SAN PABLO AV						
893	S 1	PRUNUS CERASIFERA	0-3	0-15	H	9
12010	2	LIQUIDAMBAR STYRACIFLUA	0-3	0-15		C3X3B
12372	1	LIQUIDAMBAR STYRACIFLUA	3-6	15-30		C3X3
12972	1	PHOTINIA FRASERI	0-3	0-15	H	C5X5
12975X	1	OLEA EUROPAEA	6-12	0-15	L	C6X6
12975X	2	OLEA EUROPAEA	3-6	0-15	L	C6X6
*SANTA CLARA ST						
2410	2	CINNAMOMUM CAMPHORA	6-12	0-15		5.5
*SANTA CRUZ AV						
5726	S 1	ULMUS PARVIFOLIA	6-12	15-30	H	5.5
5726	S 2	ULMUS PARVIFOLIA	6-12	15-30	H	5.5
6101	1	ULMUS PARVIFOLIA	6-12	15-30		5.5
6101	2	ULMUS PARVIFOLIA	6-12	15-30		5.5
6101	3	ULMUS PARVIFOLIA	6-12	15-30		5.5
*SANTA FE AV						
25	3	ULMUS PARVIFOLIA	6-12	15-30	H	4X4
301	1	UNKNOWN SPECIES	0-3	0-15		4
*SEVENTH ST						
170	S 3	LIQUIDAMBAR STYRACIFLUA	3-6	15-30		3X3B

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TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*SEVENTH ST						
217	1	PYRUS KAWAKAMII	3-6	0-15		3X3B
240	1	PYRUS KAWAKAMII	3-6	0-15		3X3B
876	S 1	ULMUS PARVIFOLIA	0-3	0-15	H	4.5
876	S 2	ULMUS PARVIFOLIA	3-6	0-15	H	4.5
*SEVENTH ST SO.						
300	1	ROBINIA PSEUDOACACIA	12-18	15-30	L	9.5
300	2	ROBINIA PSEUDOACACIA	3-6	0-15	L	9.5
*SHANE DR						
33H	8	FRAXINUS UHDEI	0-3	0-15		3X3
33H	11	FRAXINUS UHDEI	0-3	0-15		3X3
33H	17	FRAXINUS UHDEI	0-3	0-15		3X3
2828	1	ULMUS PARVIFOLIA	6-12	15-30		4.5
2856	1	ULMUS PARVIFOLIA	6-12	15-30		4.5
2915	1	ULMUS PARVIFOLIA	6-12	15-30		5.5
3000	1	ULMUS PARVIFOLIA	6-12	15-30		4.5
3001	1	ULMUS PARVIFOLIA	6-12	15-30		5.5
3005	1	ULMUS PARVIFOLIA	6-12	0-15		5.5
3006	1	ULMUS PARVIFOLIA	6-12	15-30		4.5
3014	1	ULMUS PARVIFOLIA	6-12	15-30		4.5
3015	1	ULMUS PARVIFOLIA	6-12	0-15		5.5
3018	1	ULMUS PARVIFOLIA	3-6	0-15		4.5
3023	1	ULMUS PARVIFOLIA	6-12	0-15		4X4
*SHASTA ST						
1727	1	QUERCUS ILEX	6-12	15-30		5.5
*SIERRA AV						
5326	1	PRUNUS CERASIFERA	0-3	0-15	H	7
*SIXTH ST						
221	2	LIRIODENDRON TULIPIFERA	3-6	0-15		3X3B
844	1	ACACIA MELANOXYLON	18-24	30-45	H	4.5
866	1	ACACIA MELANOXYLON	12-18	0-15	H	4.5
*SOLANO AV						
3614	1	ULMUS PARVIFOLIA	6-12	0-15		4.5
3618	2	ULMUS PARVIFOLIA	3-6	0-15		4.5
3919	1	PRUNUS CERASIFERA	3-6	0-15	H	3.5
5510	1	PRUNUS CERASIFERA	3-6	0-15	H	6.5
5510	2	PRUNUS CERASIFERA	3-6	0-15	H	6.5
*SONOMA ST						
615	1	ULMUS PARVIFOLIA	6-12	0-15	H	6.5
800	1	ULMUS PARVIFOLIA	6-12	15-30		4.5X6.5
830	1	PRUNUS CERASIFERA	0-3	0-15		6.5
901X	1	ULMUS PARVIFOLIA	6-12	15-30	H	4.5X6.5

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*SONOMA ST						
901X	3	ULMUS PARVIFOLIA	6-12	0-15	H	4.5X6.5
901X	4	ULMUS PARVIFOLIA	12-18	15-30	H	4.5X6.5
901X	5	ULMUS PARVIFOLIA	6-12	0-15	L	4.5X6.5
901X	7	ULMUS PARVIFOLIA	12-18	15-30	L	4.5X6.5
901X	8	ULMUS PARVIFOLIA	12-18	15-30	L	4.5X6.5
901X	9	ULMUS PARVIFOLIA	6-12	0-15	L	4.5X6.5
901X	10	ULMUS PARVIFOLIA	6-12	0-15		4.5X6.5
901X	11	ULMUS PARVIFOLIA	3-6	0-15		4.5X6.5
901X	12	ULMUS PARVIFOLIA	3-6	0-15		4.5X6.5
901X	13	ULMUS PARVIFOLIA	3-6	0-15		4.5X6.5
901X	14	ULMUS PARVIFOLIA	3-6	0-15	L	4.5X6.5
*SOUTH ST						
396	2	PINUS RADIATA	0-3	0-15	H	3X3PL
*SPRING ST						
434	1	PERSEA BORBONIA	6-12	0-15	H	4.5
447	1	QUERCUS ILEX	3-6	0-15		4.5
*STEGE AV						
432	1	ULMUS PARVIFOLIA	6-12	0-15	H	2.5
440	1	ULMUS PARVIFOLIA	3-6	0-15	H	2.5
454	1	ULMUS PARVIFOLIA	3-6	0-15	H	2X2
*THIRD ST SO.						
146	1	ULMUS PARVIFOLIA	6-12	30-45	H	9.5
247	1	PINUS RADIATA	18-24	0-15		9.5
2842	2	ULMUS PARVIFOLIA	6-12	0-15	H	6.5
*TULARE AV						
2927	1	ULMUS PARVIFOLIA	6-12	0-15		6.5
2927	2	ULMUS PARVIFOLIA	6-12	0-15		6.5
3315	1	MAGNOLIA GRANDIFLORA	12-18	0-15		6.5
3315	2	UNKNOWN SPECIES	18-24	0-15		4X6.5
3401X	1	LAURUS NOBILIS	12-18	0-15		6.5
3401X	2	LAURUS NOBILIS	18-24	0-15		6.5
3501X	2	ULMUS PARVIFOLIA	6-12	0-15		3X3
*VALLEY VIEW RD						
4500X	10	SCHINUS MOLLE	0-3	0-15	H	99
*VAN FLEET AV						
5706	2	ULMUS PARVIFOLIA	6-12	15-30	L	3X3
*VENTURA ST						
641X	1	ULMUS PARVIFOLIA	6-12	15-30	H	6.5
641X	2	ULMUS PARVIFOLIA	6-12	15-30	H	6.5
641X	4	ULMUS PARVIFOLIA	6-12	15-30	H	6.5
641X	5	ULMUS PARVIFOLIA	6-12	15-30	H	6.5

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*VENTURA ST						
641X	6	ULMUS PARVIFOLIA	6-12	15-30	H	6.5
641X	7	ULMUS PARVIFOLIA	6-12	15-30	H	6.5
982	1	ULMUS PARVIFOLIA	6-12	15-30		6X7
1027	2	CINNAMOMUM CAMPHORA	3-6	0-15		6
*VIRGINIA AV						
1431	2	ULMUS PARVIFOLIA	6-12	0-15		6
2000	3	UNKNOWN SPECIES	0-3	0-15	H	6.5
2621	1	ULMUS PARVIFOLIA	3-6	0-15		6.5
2629	1	ULMUS PARVIFOLIA	3-6	0-15		6.5
2700	1	ULMUS PARVIFOLIA	12-18	15-30	H	6.5
2700	2	ULMUS PARVIFOLIA	6-12	15-30	H	6.5
2700 S	1	ULMUS PARVIFOLIA	6-12	0-15	H	6.5
2700 S	2	ULMUS PARVIFOLIA	6-12	0-15	H	6.5
*VISALIA AV						
1918	2	PHOTINIA FRASERI	3-6	0-15		6.5
*WALL AV						
4126	1	ULMUS PARVIFOLIA	6-12	0-15		6.5
*WALLER AV						
3500	1	PRUNUS CERASIFERA	3-6	0-15	L	9.5
3519	1	PRUNUS CERASIFERA	3-6	0-15		9.5
3611	1	PRUNUS CERASIFERA	6-12	0-15		9.5
*WASHINGTON AV						
11	1	ULMUS PARVIFOLIA	6-12	15-30		4X4
21X	1	ULMUS PARVIFOLIA	6-12	15-30		4X4
28X	1	ULMUS PARVIFOLIA	6-12	15-30	H	4X4
114	1	PYRUS KAWAKAMII	0-3	0-15	H	4X4
134	1	ULMUS PARVIFOLIA	6-12	15-30	H	4X4
144X	1	ULMUS PARVIFOLIA	6-12	15-30	H	4X4
152	1	ULMUS PARVIFOLIA	3-6	0-15	H	4X4
235	1	ULMUS PARVIFOLIA	6-12	15-30		4X4B
*WILART DR						
2673	1	UNKNOWN SPECIES	3-6	0-15		3.5
*WILSON AV						
625	1	MELELEUCA STYPHYLOIDES	3-6	0-15		2
704	1	ULMUS PARVIFOLIA	6-12	15-30	H	3.5
950	1	CINNAMOMUM CAMPHORA	12-18	15-30	L	7X3.5
980X	2	ULMUS PARVIFOLIA	6-12	0-15	L	3.5X3.5
980X	3	ULMUS PARVIFOLIA	6-12	0-15	L	3.5X3.5
980X	4	ULMUS PARVIFOLIA	6-12	15-30	L	3.5X3.5
*WISWALL DR						
2701	1	ULMUS PARVIFOLIA	3-6	0-15		3X3

APPENDIX C-1
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL TREES NEEDING REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*WISWALL DR						
2731	1	QUERCUS ILEX	6-12	15-30		6.5
2812	1	ULMUS PARVIFOLIA	6-12	15-30		6.5
3000	1	ULMUS PARVIFOLIA	3-6	0-15		6.5
*YUBA ST						
717	1	CINNAMOMUM CAMPHORA	0-3	0-15		6
763	1	MYOPORUM LAETUM	6-12	0-15		6

06/05/89

TABLE C-2
CITY OF RICHMOND
STREET TREE INVENTORY - TREE REMOVALS
DIAMETER DISTRIBUTION BY SPECIES

SCIENTIFIC NAME	DBH 0-3" DBH	3-6" DBH	6-12" DBH	12-18" DBH	18-24" DBH	24-30" DBH	30-36" DBH	36+" DBH	COUNT
ULMUS PARVIFOLIA	9	71	252	34	0	0	0	0	366
PRUNUS CERASIFERA	16	77	33	10	0	0	0	0	136
CINNAMOMUM CAMPHORA	3	3	17	14	10	0	0	0	47
PERSEA BORBONIA	1	10	13	6	0	0	0	0	30
QUERCUS ILEX	13	10	6	0	0	0	0	0	29
ACACIA MELANOXYLON	0	1	4	9	7	2	0	0	23
LIQUIDAMBAR STYRACIFLUA	5	8	0	0	0	0	0	0	13
PLATANUS ACERIFOLIA	2	2	0	6	2	0	0	0	12
MAGNOLIA GRANDIFLORA	4	3	0	4	0	0	0	0	11
PHOTINIA FRASERI	3	2	5	1	0	0	0	0	11
UNKNOWN SPECIES	6	2	2	0	1	0	0	0	11
MYOPORUM LAETUM	0	2	6	2	0	0	0	0	10
MELALEUCA LINARIIFOLIA	2	2	4	2	0	0	0	0	10
PYRUS KAWAKAMII	8	2	0	0	0	0	0	0	10
CRINODENDRON PATAGUA	0	2	5	3	0	0	0	0	10
CRATAEGUS LAEVIGATA	4	4	0	0	0	0	0	0	8
FRAXINUS UHDEI	5	1	2	0	0	0	0	0	8
LIRIODENDRON TULIPIFERA	6	1	1	0	0	0	0	0	8
CRATAEGUS PHAENOPYRUM	0	5	2	0	0	0	0	0	7
PRUNUS SPP	3	1	2	0	0	0	0	0	6
PINUS RADIATA	4	0	0	0	1	0	0	0	5
FRAXINUS VELUTINA 'GLABRA'	0	1	3	0	0	0	0	0	4
BETULA PENDULA	1	2	0	1	0	0	0	0	4
MAYTENUS BOARIA	1	2	1	0	0	0	0	0	4
ACER SACCHARINUM	0	0	2	0	1	1	0	0	4
ULMUS PUMILA	0	0	1	0	2	0	0	0	3
PRUNUS SERRULATA	1	2	0	0	0	0	0	0	3
CHAMAECYPARIS LAWSONIANA	0	2	1	0	0	0	0	0	3
EUCALYPTUS NICHOLLI	2	0	0	0	0	0	0	0	2
EUCALYPTUS FICIFOLIA	0	0	2	0	0	0	0	0	2

06/05/89

TABLE C-2
CITY OF RICHMOND
STREET TREE INVENTORY - TREE REMOVALS
DIAMETER DISTRIBUTION BY SPECIES

SCIENTIFIC NAME	DBH 0-3"	DBH 3-6"	DBH 6-12"	DBH 12-18"	DBH 18-24"	DBH 24-30"	DBH 30-36"	DBH 36+"	COUNT
SCHINUS MOLLE	1	0	0	0	0	1	0	0	2
YUCCA GLORIOSA	0	2	0	0	0	0	0	0	2
ERIOBOTRYA JAPONICA	0	2	0	0	0	0	0	0	2
JUNIPERUS CHINENSIS	2	0	0	0	0	0	0	0	2
POPULUS NIGRA 'ITALICA'	0	1	1	0	0	0	0	0	2
OLEA EUROPAEA	0	1	1	0	0	0	0	0	2
SYZYGIUM PANICULATUM	0	0	0	2	0	0	0	0	2
ROBINIA PSEUDOACACIA	0	1	0	1	0	0	0	0	2
ILEX SPP	0	1	1	0	0	0	0	0	2
LAURUS NOBILIS	0	0	0	1	1	0	0	0	2
MORUS ALBA	0	1	0	0	0	0	0	0	1
CASURINA STRICTA	0	0	1	0	0	0	0	0	1
PINUS HALEPENSIS	0	0	1	0	0	0	0	0	1
LIGUSTRUM LUCIDUM	0	0	1	0	0	0	0	0	1
MALUS SPP	0	1	0	0	0	0	0	0	1
QUERCUS AGRIFOLIA	1	0	0	0	0	0	0	0	1
CERATONIA SILIQUA	0	0	1	0	0	0	0	0	1
MELALEUCA QUENQUENERVIA	0	0	1	0	0	0	0	0	1
ALNUS RHOMBIFOLIA	0	1	0	0	0	0	0	0	1
CORDYLINE AUSTRALIS	1	0	0	0	0	0	0	0	1
EUCALYPTUS SPP	0	0	0	0	1	0	0	0	1
JUGLANS HINDSII	0	0	0	0	1	0	0	0	1
SALIX SPP	0	0	0	1	0	0	0	0	1
ACACIA DECURRENS	0	1	0	0	0	0	0	0	1
PRUNUS BLIREIANA	0	0	1	0	0	0	0	0	1
QUERCUS SUBER	0	1	0	0	0	0	0	0	1
PERSEA AMERICANA	0	1	0	0	0	0	0	0	1
MELELEUCA STYPHYLOIDES	0	1	0	0	0	0	0	0	1
PRUNUS AMYGDALUS	0	0	1	0	0	0	0	0	1

TABLE C-2
CITY OF RICHMOND
STREET TREE INVENTORY - TREE REMOVALS
DIAMETER DISTRIBUTION BY SPECIES

SCIENTIFIC NAME	DBH 0-3"	DBH 3-6"	DBH 6-12"	DBH 12-18"	DBH 18-24"	DBH 24-30"	DBH 30-36"	DBH 36+"	COUNT
*** Total ***	104	233	374	97	27	4	0	0	839

APPENDIX C-3
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:

ALL SITES NEEDING STUMP REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*11TH ST						
601	2	CINNAMOMUM CAMPHORA	6-12	0-15	H	4.5
*12TH ST SO.						
166 S	4	UNKNOWN SPECIES	12-18	0-15		6.5
*15TH ST SO.						
338	1	UNKNOWN SPECIES	3-6	0-15	H	6.5
530	1	MYOPORUM LAETUM	6-12	0-15	H	4.5X4.5
610X	1	UNKNOWN SPECIES	3-6	0-15		4.5X6
*17TH ST SO.						
209	1	UNKNOWN SPECIES	3-6	0-15	H	7.5
328	1	PERSEA BORBONIA	0-3	0-15		4.5
430	1	UNKNOWN SPECIES	3-6	0-15		5.5
453	1	ULMUS PARVIFOLIA	6-12	0-15	H	7.5
*18TH ST SO.						
536	1	UNKNOWN SPECIES	12-18	0-15	L	3
*19TH ST SO.						
116	2	UNKNOWN SPECIES	3-6	0-15		5
*20TH ST SO.						
155	1	UNKNOWN SPECIES	0-3	0-15	H	8
*21ST ST						
543	1	CINNAMOMUM CAMPHORA	6-12	0-15	H	4.5
655	1	UNKNOWN SPECIES	12-18	0-15	H	2.5
*22ND ST						
519	1	MYOPORUM LAETUM	6-12	0-15		3X3
535	1	MYOPORUM LAETUM	6-12	0-15		3X3
540	1	MYOPORUM LAETUM	3-6	0-15	H	3X3
620	1	MYOPORUM LAETUM	12-18	0-15	H	3X3
*23RD ST						
837X	1	MYOPORUM LAETUM	6-12	0-15		3X3
*24TH ST						
1001X	1	ULMUS PARVIFOLIA	12-18	0-15	H	7.5
*25TH ST						
706 S	2	PRUNUS CERASIFERA	6-12	0-15	H	4.5
*25TH ST SO.						
328	2	UNKNOWN SPECIES	3-6	0-15	H	6.5
425	1	UNKNOWN SPECIES	3-6	0-15		6.5
425	2	UNKNOWN SPECIES	3-6	0-15		6.5
*26TH ST SO.						
501 S	1	POPULUS SPP	6-12	0-15		9.5
*28TH ST						
1080	2	UNKNOWN SPECIES	3-6	0-15		2.5X2.5
1080	3	UNKNOWN SPECIES	3-6	0-15		2.5X2.5

APPENDIX C-3
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL SITES NEEDING STUMP REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*28TH ST SO.						
423	1	UNKNOWN SPECIES	0-3	0-15	H	6.5
*33RD ST						
579	S 1	UNKNOWN SPECIES	12-18	0-15		4.5
727	1	CINNAMOMUM CAMPHORA	12-18	0-15		3.5
727	2	CINNAMOMUM CAMPHORA	6-12	0-15		3.5
999	S 1	MELALEUCA LINARIIFOLIA	12-18	0-15		4.5
999	S 2	MELALEUCA LINARIIFOLIA	12-18	0-15		4.5
*34TH ST						
347	1	CINNAMOMUM CAMPHORA	12-18	0-15		4X4
527	2	MELALEUCA LINARIIFOLIA	6-12	0-15		4.5
*35TH ST						
865	S 1	UNKNOWN SPECIES	6-12	0-15		4
*36TH ST						
470	1	MORUS ALBA	6-12	0-15	H	9.5
684X	1	UNKNOWN SPECIES	12-18	0-15		3.5
733	1	CINNAMOMUM CAMPHORA	18-24	0-15	L	3.5
*37TH ST						
555	3	UNKNOWN SPECIES	6-12	0-15	H	2X2
555	4	UNKNOWN SPECIES	6-12	0-15	H	2X2
555	5	UNKNOWN SPECIES	6-12	0-15	H	2X2
824	2	ULMUS PARVIFOLIA	6-12	0-15		4.5
912	1	CINNAMOMUM CAMPHORA	12-18	0-15		4.5
912	2	CINNAMOMUM CAMPHORA	6-12	0-15		4.5
950	1	CINNAMOMUM CAMPHORA	18-24	0-15		4.5
950	2	CINNAMOMUM CAMPHORA	18-24	0-15		4.5
991	1	UNKNOWN SPECIES	6-12	0-15	H	4.5
*38TH ST						
540	1	UNKNOWN SPECIES	6-12	0-15	H	2X2
540	2	UNKNOWN SPECIES	6-12	0-15	H	2X2
*38TH ST SO.						
385	1	CINNAMOMUM CAMPHORA	12-18	0-15		11
385	2	CINNAMOMUM CAMPHORA	12-18	0-15		11
*41ST ST SO.						
253X	6	QUERCUS ILEX	0-3	0-15		9.5
716	1	MYOPORUM LAETUM	12-18	0-15		4.5
*45TH ST SO.						
946	1	UNKNOWN SPECIES	0-3	0-15	H	2.5
*47TH ST SO.						
850	S 2	UNKNOWN SPECIES	12-18	0-15		2.5
*50TH ST SO.						
4912	S 1	ULMUS PARVIFOLIA	3-6	0-15		99

APPENDIX C-3
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL SITES NEEDING STUMP REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*55TH ST SO.						
1073	1	ULMUS PARVIFOLIA	12-18	0-15		3
1103	1	ULMUS PARVIFOLIA	6-12	0-15		3
*57TH ST SO.						
1001X	4	CRATEAGUS LAVELLEI	3-6	0-15	H	2X2
1001X	5	CRATEAGUS LAVELLEI	3-6	0-15	H	2X2
*ALAMEDA AV						
5615	1	UNKNOWN SPECIES	12-18	0-15	H	9.5
5615	2	UNKNOWN SPECIES	12-18	0-15	H	9.5
*ANDRADE AV						
2401	S 1	UNKNOWN SPECIES	6-12	0-15		7.5
2426	2	PRUNUS CERASIFERA	3-6	0-15	H	14
2620	1	UNKNOWN SPECIES	12-18	0-15	H	14
2825	1	UNKNOWN SPECIES	6-12	0-15		14
2825	2	UNKNOWN SPECIES	6-12	0-15		14
*BARRETT AV						
2715	1	UNKNOWN SPECIES	12-18	0-15	H	3
5104	1	UNKNOWN SPECIES	12-18	0-15		3
*BAYVIEW AV						
5838	S 1	UNKNOWN SPECIES	6-12	0-15		4.5
*BERK AV						
4833	2	ULMUS PARVIFOLIA	6-12	0-15		4.5
*BISSELL AV						
1301X	6	LIQUIDAMBAR STYRACIFLUA	3-6	0-15		3X3B
*BURLINGAME AV						
5648	1	ACACIA MELANOXYLON	12-18	0-15		7.5
5648	2	ACACIA MELANOXYLON	18-24	0-15		7.5
6212	1	ACACIA MELANOXYLON	12-18	0-15	H	7.5
*BUTTE ST						
1826	1	MYOPORUM LAETUM	3-6	0-15	H	5.5
*CAMPBELL ST						
1007	1	CRATAEGUS PHAENOPYRUM	0-3	0-15		2.5
*CARLSON BLVD						
942	2	ULMUS PARVIFOLIA	6-12	0-15	H	2.5
946	1	ULMUS PARVIFOLIA	6-12	0-15	H	2.5
2407	S 1	UNKNOWN SPECIES	18-24	0-15	H	5.5
2429	S 1	UNKNOWN SPECIES	6-12	0-15		5.5
2728	1	PRUNUS CERASIFERA	6-12	0-15		2X2
*CASTRO ST SO.						
115	1	CINNAMOMUM CAMPHORA	12-18	0-15		4.5
*CHANSIOR AV						
2023	1	ULMUS PARVIFOLIA	6-12	0-15		4.5

APPENDIX C-3
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR: ALL SITES NEEDING STUMP REMOVAL						
ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*CHANSIOR AV						
2101X	1	PLATANUS ACERIFOLIA	0-3	0-15		4.5
2101X	2	PLATANUS ACERIFOLIA	0-3	0-15		4.5
2546	1	UNKNOWN SPECIES	12-18	0-15	H	4.5X4
*CLINTON AV						
2574	2	UNKNOWN SPECIES	6-12	0-15		2..5X2.5
2574	3	UNKNOWN SPECIES	6-12	0-15		2..5X2.5
2622	1	CINNAMOMUM CAMPHORA	3-6	0-15		4.5
2636	1	LIQUIDAMBAR STYRACIFLUA	3-6	0-15		4.5
3219	2	CINNAMOMUM CAMPHORA	6-12	0-15	H	6X6
3428	S 1	ULMUS PARVIFOLIA	6-12	0-15		3.5
3428	S 2	ULMUS PARVIFOLIA	6-12	0-15		3.5
4935	1	UNKNOWN SPECIES	12-18	0-15	H	9.5
5337	1	UNKNOWN SPECIES	6-12	0-15	H	6.5
*COALINGA AV						
1326	1	PRUNUS CERASIFERA	3-6	0-15	H	6.5
1406	1	PRUNUS CERASIFERA	3-6	0-15	H	6.5
2028	1	PERSEA BORBONIA	18-24	0-15	H	6.5
*COLUMBIA AV						
2600	2	ACACIA MELANOXYLON	12-18	0-15		4.5
2600	5	ACACIA MELANOXYLON	12-18	0-15		4.5
2619	2	ACACIA MELANOXYLON	24-30	0-15	H	4.5
5119	1	ACACIA MELANOXYLON	18-24	0-15	H	4.5
5135	1	ACACIA MELANOXYLON	18-24	0-15	H	4.5
5137	1	ACACIA MELANOXYLON	18-24	0-15	H	4.5
5601	S 1	UNKNOWN SPECIES	18-24	0-15		5.5
*COLUSA AV						
5517	1	PRUNUS CERASIFERA	3-6	0-15		5.5
*COSTA AV						
1826	2	UNKNOWN SPECIES	6-12	0-15	H	6.5
*CREELY AV						
5002	1	ZELKOVA SERRATA	6-12	0-15		6.5
*CREST AV						
50	1	UNKNOWN SPECIES	6-12	0-15	H	2.5
*CUTTING BLVD						
2929	3	POPULUS SPP	3-6	0-15	H	9.5
*DUNN AV						
1728	1	PRUNUS CERASIFERA	6-12	0-15	H	9.5
*EIGHTH ST SO.						
218	1	CINNAMOMUM CAMPHORA	6-12	0-15	L	4X4
*ESMOND AV						
992	S 2	CINNAMOMUM CAMPHORA	24-30	0-15		3.5

APPENDIX C-3
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:						
ALL SITES NEEDING STUMP REMOVAL						
ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*ESMOND AV						
992	S	3 CINNAMOMUM CAMPHORA	18-24	0-15		3.5
1510		1 UNKNOWN SPECIES	3-6	0-15	L	6.5
2551X		1 CRATAEGUS PHAENOPYRUM	3-6	0-15	H	2.5X2.5
3121		2 MALUS SPP	3-6	0-15	H	2X2
5500		1 UNKNOWN SPECIES	6-12	0-15	H	6.5X6.5
5500		2 UNKNOWN SPECIES	6-12	0-15	H	6.5X6.5
*FIFTH ST						
667		1 UNKNOWN SPECIES	3-6	0-15	H	4.5
*FLEMING AV						
5102		1 ACER SACCHARINUM	3-6	0-15		4.5X4.5
5239		1 UNKNOWN SPECIES	6-12	0-15		4.5
5239		2 UNKNOWN SPECIES	6-12	0-15		4.5
*FLORIDA AV						
703	S	2 ULMUS PARVIFOLIA	3-6	0-15	L	9.5
2706		2 PRUNUS CERASIFERA	3-6	0-15		3.5
2818		2 MELALEUCA LINARIIFOLIA	6-12	0-15		3.5
3024		1 MELALEUCA LINARIIFOLIA	3-6	0-15		3.5
*FOURTH ST SO.						
311		1 ACACIA MELANOXYLON	18-24	0-15	H	9
*FRESNO AV						
5600	S	1 ULMUS PARVIFOLIA	6-12	0-15		5.5
5707		1 UNKNOWN SPECIES	6-12	0-15		5.5
*GARRARD BLVD SO.						
200		2 ACACIA MELANOXYLON	6-12	0-15	H	4
*GARVIN AV						
1711		1 UNKNOWN SPECIES	18-24	0-15		9.5
1903		1 UNKNOWN SPECIES	6-12	0-15		9.5
2510		2 CINNAMOMUM CAMPHORA	18-24	0-15		4.5
2751		1 CINNAMOMUM CAMPHORA	12-18	0-15	H	4.5
2751		2 CINNAMOMUM CAMPHORA	12-18	0-15	H	4.5
2850		1 CALOCEDRUS DECURRENS	18-24	0-15		4.5
3711		1 MAGNOLIA GRANDIFLORA	3-6	0-15	L	3.5
3721		1 MAGNOLIA GRANDIFLORA	3-6	0-15	L	3.5
3721		2 MAGNOLIA GRANDIFLORA	3-6	0-15	L	3.5
5436	S	1 UNKNOWN SPECIES	12-18	0-15		6.5
5436	S	2 UNKNOWN SPECIES	12-18	0-15		6.5
5436	S	3 UNKNOWN SPECIES	12-18	0-15		6.5
5520		1 UNKNOWN SPECIES	0-3	0-15	H	14.5
*GAYNOR AV						
2852		1 MORUS ALBA	6-12	0-15		4X4
*GILMA DR						
2922		1 FRAXINUS VELUTINA 'GLABRA'	12-18	0-15		99

APPENDIX C-3
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR: ALL SITES NEEDING STUMP REMOVAL						
ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*GILMA DR						
2960	1	FRAXINUS VELUTINA 'GLABRA'	12-18	0-15		99
2978	1	FRAXINUS VELUTINA 'GLABRA'	12-18	0-15		99
2986	1	FRAXINUS VELUTINA 'GLABRA'	12-18	0-15		99
2989	1	FRAXINUS VELUTINA 'GLABRA'	12-18	0-15		99
*GRANT AV						
2530	S	1 PHOTINIA FRASERI	0-3	0-15		5.5X5
*GROOM DR						
2945	1	FRAXINUS VELUTINA 'GLABRA'	6-12	0-15		5.5
2962	1	FRAXINUS VELUTINA 'GLABRA'	12-18	0-15		4.5
*HUMBOLDT ST						
640	2	UNKNOWN SPECIES	6-12	0-15		6.5
825	2	CINNAMOMUM CAMPHORA	6-12	0-15	H	9.5
834	1	UNKNOWN SPECIES	6-12	0-15		9.5
961	1	UNKNOWN SPECIES	6-12	0-15	H	9.5
*HUMPHREY AV						
2323	1	UNKNOWN SPECIES	6-12	0-15		6.5
2415	1	MELALEUCA LINARIIFOLIA	12-18	0-15		6.5
2601	2	MELALEUCA LINARIIFOLIA	6-12	0-15		4X4
3301	3	UNKNOWN SPECIES	18-24	0-15		6.5
*HUNTINGTON AV						
6101	1	UNKNOWN SPECIES	12-18	0-15	H	8.5
6129	1	UNKNOWN SPECIES	6-12	0-15	H	8.5
*KELSEY ST						
1457	1	MYOPORUM LAETUM	6-12	0-15		3X3
*KERN ST						
736	1	UNKNOWN SPECIES	6-12	0-15	H	6.5
736	2	UNKNOWN SPECIES	6-12	0-15	H	6.5
736	3	UNKNOWN SPECIES	12-18	0-15	H	6.5
765	1	CINNAMOMUM CAMPHORA	12-18	0-15		6.5
765	2	CINNAMOMUM CAMPHORA	12-18	0-15		6.5
*KEY BLVD						
343X	1	EUCALYPTUS NICHOLLI	12-18	30-45		C7X7
627	1	PRUNUS CERASIFERA	6-12	0-15	H	5X5
*LASSEN ST						
788	1	UNKNOWN SPECIES	12-18	0-15		9.5
859	1	UNKNOWN SPECIES	18-24	0-15	H	9.5
859	2	UNKNOWN SPECIES	18-24	0-15	H	9.5
*LINCOLN AV						
1327	1	ULMUS PARVIFOLIA	6-12	0-15		2.5
1336	1	UNKNOWN SPECIES	12-18	0-15	L	4.5
1336	2	UNKNOWN SPECIES	12-18	0-15	L	4.5

APPENDIX C-3
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL SITES NEEDING STUMP REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*LINCOLN AV						
1510	1	ULMUS PARVIFOLIA	6-12	0-15	H	4.5X4.5
1510	2	ULMUS PARVIFOLIA	6-12	0-15	H	4.5X4.5
1511	1	ULMUS PARVIFOLIA	6-12	0-15		4.5
1527	1	UNKNOWN SPECIES	6-12	0-15		4.5X4.5
1921	1	UNKNOWN SPECIES	12-18	0-15		4.5X4.5
1921	2	UNKNOWN SPECIES	12-18	0-15		4.5X4.5
2102	1	UNKNOWN SPECIES	12-18	0-15	H	4.5
*LOWELL AV						
3328	S 1	UNKNOWN SPECIES	6-12	0-15		3.5
3328	S 2	UNKNOWN SPECIES	6-12	0-15		3.5
3328	S 3	UNKNOWN SPECIES	6-12	0-15		3.5
*LUCAS AV						
611	1	UNKNOWN SPECIES	12-18	0-15		4.5
*MACDONALD AV						
2421X	1	PYRUS KAWAKAMII	3-6	0-15		3X3
2429	1	PYRUS KAWAKAMII	3-6	0-15		3X3
3221	1	ULMUS PARVIFOLIA	6-12	0-15		2X2
3811	1	ULMUS PARVIFOLIA	6-12	0-15		3X3
3829	1	ULMUS PARVIFOLIA	6-12	0-15		3X3
4011	1	ULMUS PARVIFOLIA	6-12	15-30		3X3
4113	1	ULMUS PARVIFOLIA	6-12	0-15		3X3
4131	1	ULMUS PARVIFOLIA	6-12	0-15		3X3
4201	1	ULMUS PARVIFOLIA	6-12	0-15		3X3
4401	2	ULMUS PARVIFOLIA	6-12	0-15		3X3
*MADISON AV						
5500X	2	PRUNUS CERASIFERA	3-6	0-15	H	2X2
5500X	4	PRUNUS CERASIFERA	6-12	0-15	H	2X2
*MAINE AV						
121	1	UNKNOWN SPECIES	12-18	0-15		6
1629	S 1	UNKNOWN SPECIES	3-6	0-15	H	7.5
2029	1	UNKNOWN SPECIES	0-3	0-15		6.5
2319	1	ULMUS PARVIFOLIA	6-12	0-15		9.5
*MARICOPA AV						
2828	1	MAGNOLIA GRANDIFLORA	12-18	0-15		6.5
5626	1	UNKNOWN SPECIES	6-12	0-15		1X1
5626	2	UNKNOWN SPECIES	6-12	0-15		1X1
5626	3	UNKNOWN SPECIES	6-12	0-15		1X1
*MARIN AV						
5645	1	UNKNOWN SPECIES	3-6	0-15	H	2.5
*MARINA WAY SO.						
141	1	UNKNOWN SPECIES	12-18	0-15	L	6.5

APPENDIX C-3
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL SITES NEEDING STUMP REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*MAY RD						
3415	1	ULMUS PARVIFOLIA	12-18	0-15		5.5
*MC BRYDE AV						
2924 S	1	CRATAEGUS LAEVIGATA	0-3	0-15		3.5
3039	1	UNKNOWN SPECIES	12-18	0-15	H	4.5
*MC KENZIE DR						
2919	1	FRAXINUS VELUTINA 'GLABRA'	6-12	0-15		99
2943	1	FRAXINUS VELUTINA 'GLABRA'	12-18	0-15		99
2962	1	FRAXINUS VELUTINA 'GLABRA'	12-18	0-15		99
2972	1	FRAXINUS VELUTINA 'GLABRA'	6-12	0-15		99
2990	1	FRAXINUS VELUTINA 'GLABRA'	12-18	0-15		99
*MC LAUGHLIN ST						
713	2	CINNAMOMUM CAMPHORA	12-18	0-15	H	9.5
787	1	UNKNOWN SPECIES	6-12	0-15	H	9.5
787	2	UNKNOWN SPECIES	6-12	0-15	H	9.5
828	1	CINNAMOMUM CAMPHORA	18-24	0-15		9.5
*MERCED ST						
1325	1	CINNAMOMUM CAMPHORA	12-18	0-15		5.5
1560	1	UNKNOWN SPECIES	3-6	0-15	H	5.5
*MONTANA ST						
24	1	MELALEUCA LINARIIFOLIA	12-18	0-15	H	2.5
28	1	MELALEUCA LINARIIFOLIA	12-18	0-15	H	2.5
44	1	MELALEUCA LINARIIFOLIA	12-18	0-15	H	2.5
*MONTEREY ST						
1455	1	PLATANUS ACERIFOLIA	12-18	0-15	H	4.5
1529	1	ULMUS PARVIFOLIA	6-12	0-15	L	4.5
1545	1	ULMUS PARVIFOLIA	6-12	0-15	L	4.5
*NEVIN AV						
5028	1	CINNAMOMUM CAMPHORA	3-6	0-15	H	3.5
5225	1	UNKNOWN SPECIES	6-12	0-15		3
5225	2	UNKNOWN SPECIES	6-12	0-15		3
5225	3	UNKNOWN SPECIES	6-12	0-15		3
*NUNN ST						
5032	1	MAYTENUS BOARIA	3-6	0-15		99
*OHIO AV						
1500 S	1	UNKNOWN SPECIES	30-36	0-15	H	6.5
3535	1	MYOPORUM LAETUM	6-12	0-15	H	9.5
*OHIO AV W.						
200	1	UNKNOWN SPECIES	0-3	0-15	H	I99
200	2	UNKNOWN SPECIES	6-12	0-15	H	I99
200	3	UNKNOWN SPECIES	6-12	0-15	H	I99
*OVEREND AV						
4316	1	PISTACIA CHINENSIS	3-6	0-15		99

APPENDIX C-3
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:
ALL SITES NEEDING STUMP REMOVAL

ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	****	*****	*****	*****	***	*****
*PANAMA AV						
5521	1	UNKNOWN SPECIES	18-24	0-15		5.5X5.5
*PLACER ST						
1901X	10	PHOTINIA FRASERI	6-12	0-15	L	C4X5.5
*PLAZA WAY						
4915	1	UNKNOWN SPECIES	3-6	0-15		99
4915	S 1	UNKNOWN SPECIES	6-12	0-15		99
4915	S 2	UNKNOWN SPECIES	6-12	0-15		99
*PLUMAS AV						
6214	1	PRUNUS CERASIFERA	12-18	0-15		5.5
*RHEEM AV						
1718	1	UNKNOWN SPECIES	24-30	0-15		14.5
1718	2	UNKNOWN SPECIES	24-30	0-15		14.5
2519	3	UNKNOWN SPECIES	3-6	0-15	H	14.5
*ROOSEVELT AV						
2324	1	UNKNOWN SPECIES	6-12	0-15		5X5
2725	S 1	MELALEUCA LINARIIFOLIA	12-18	15-30	H	5.5
3619	1	CASURINA STRICTA	12-18	0-15	H	4.5
3704	1	UNKNOWN SPECIES	6-12	0-15		2.5
3704	2	UNKNOWN SPECIES	6-12	0-15		2.5
3704	3	UNKNOWN SPECIES	6-12	0-15		2.5
4112	1	UNKNOWN SPECIES	6-12	0-15		2X2
4112	2	UNKNOWN SPECIES	6-12	0-15		2X2
*SACRAMENTO AV						
5218	1	UNKNOWN SPECIES	6-12	0-15	L	4.5
5727	1	UNKNOWN SPECIES	3-6	0-15		5.5
*SAN MATEO ST						
1827	1	CINNAMOMUM CAMPHORA	18-24	0-15	H	7.5
2227	1	CINNAMOMUM CAMPHORA	18-24	0-15	H	7.5
2227	2	CINNAMOMUM CAMPHORA	18-24	0-15	H	7.5
2227	S 1	UNKNOWN SPECIES	12-18	0-15	H	8.5
2227	S 2	UNKNOWN SPECIES	6-12	0-15	H	8.5
*SANTA CLARA ST						
2100	1	UNKNOWN SPECIES	6-12	0-15		5.5
2100	2	UNKNOWN SPECIES	3-6	0-15		5.5
*SANTA CRUZ AV						
5829	1	UNKNOWN SPECIES	6-12	0-15		6X5.5
5829	2	UNKNOWN SPECIES	6-12	0-15		6X5.5
*SCUELA CT						
4610	1	UNKNOWN SPECIES	12-18	0-15		99
*SEVENTH ST						
873	1	UNKNOWN SPECIES	3-6	0-15		4.5

APPENDIX C-3
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

TREE LISTING FOR:							
ALL SITES NEEDING STUMP REMOVAL							
ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE	
*****	****	*****	*****	*****	***	*****	
*SHANE DR							
2911	1	ULMUS PARVIFOLIA	6-12	0-15		5.5	
3049	1	FRAXINUS VELUTINA 'GLABRA'	6-12	0-15		99	
*SILVA AV							
5201	S 3	UNKNOWN SPECIES	12-18	0-15		3.5X3.5	
*SONOMA ST							
615	2	ULMUS PARVIFOLIA	6-12	0-15	H	6.5	
*SUTTER AV							
5723	1	ULMUS PARVIFOLIA	6-12	0-15		5.5	
*TEHAMA AV							
6200	1	UNKNOWN SPECIES	24-30	0-15	H	4.5X5.5	
*TULARE AV							
3014	1	UNKNOWN SPECIES	6-12	0-15	H	3.5	
3014	2	UNKNOWN SPECIES	6-12	0-15	H	3.5	
*VAN FLEET AV							
5522	1	CINNAMOMUM CAMPHORA	12-18	0-15	H	5.5	
*VENTURA ST							
773	1	CINNAMOMUM CAMPHORA	12-18	15-30	H	9.5	
773	2	CINNAMOMUM CAMPHORA	12-18	0-15	H	9.5	
932	1	UNKNOWN SPECIES	12-18	0-15		9.5	
*VISALIA AV							
2134	1	MYOPORUM LAETUM	6-12	0-15		2X2	
2134	2	MYOPORUM LAETUM	6-12	0-15		2X2	
*WALLER AV							
3520	1	PRUNUS CERASIFERA	6-12	0-15	L	9.5	
3520	2	PRUNUS CERASIFERA	6-12	0-15	L	9.5	
*WILSON AV							
704	2	UNKNOWN SPECIES	6-12	0-15	H	3.5	
*YUBA ST							
611	1	CINNAMOMUM CAMPHORA	12-18	0-15		6.5	
611	2	CINNAMOMUM CAMPHORA	12-18	0-15		6.5	
611	3	CINNAMOMUM CAMPHORA	12-18	0-15		6.5	
612	S 1	MELALEUCA LINARIIFOLIA	6-12	0-15		2X2	
613	1	ULMUS PARVIFOLIA	6-12	0-15		6.5	
671	1	UNKNOWN SPECIES	12-18	0-15		6	
689	1	UNKNOWN SPECIES	12-18	0-15		6	

APPENDIX C-4
**** CITY OF RICHMOND ****
STREET TREE INVENTORY

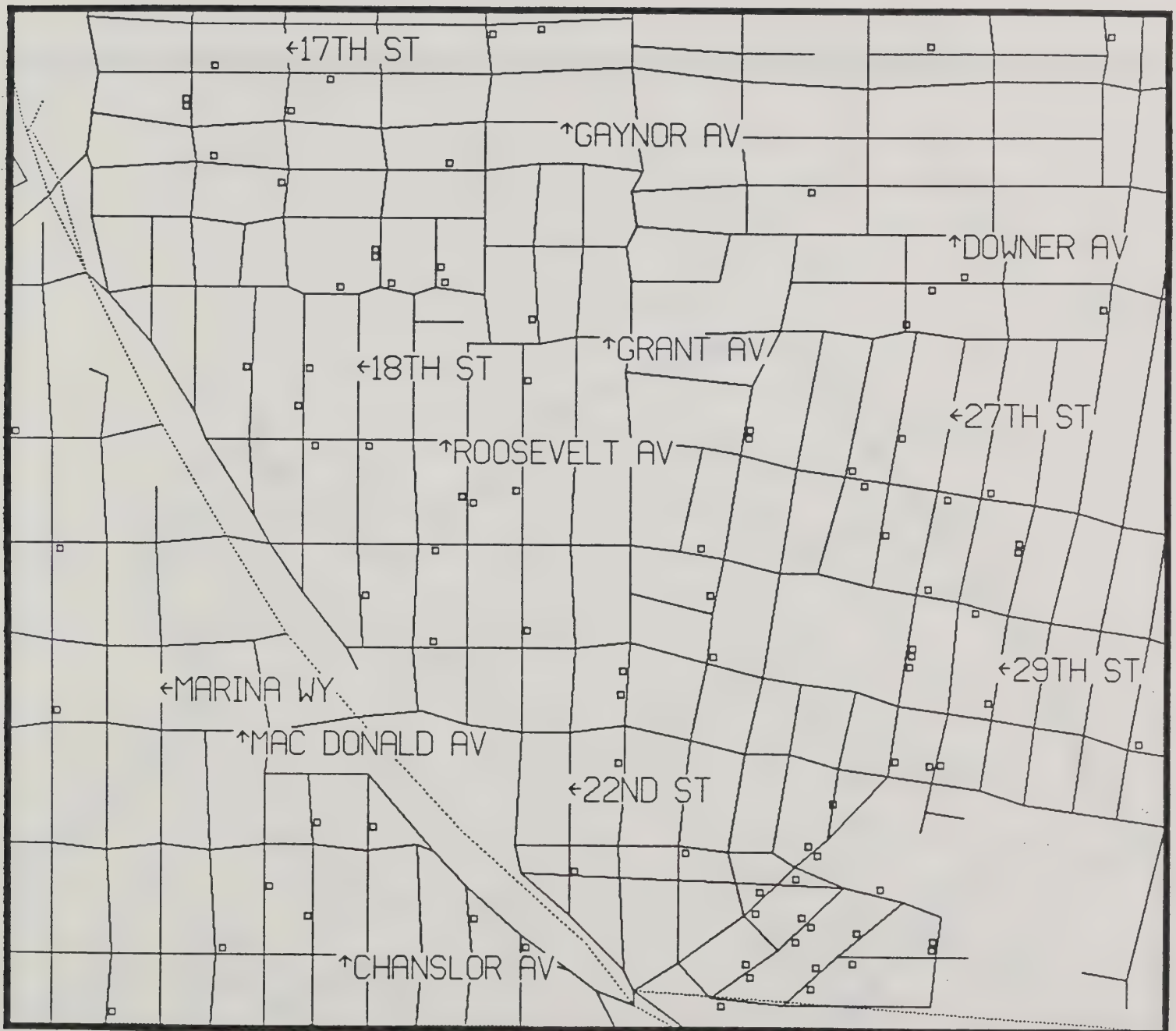
TREE LISTING FOR:						
ALL TREES NEEDING IMMEDIATE PRUNING						
ADDRESS	TREE	SPECIES NAME	DBH	HT	UTL	PLANTSITE
*****	*****	*****	*****	*****	***	*****
*36TH ST						
710X	2	CINNAMOMUM CAMPHORA	6-12	15-30		3.5
*56TH ST SO.						
1406 S	1	ACACIA MELANOXYLON	12-18	30-45		5.5
*DEADEND						
801 S	1	ULMUS PARVIFOLIA	12-18	15-30		14.5
801 S	2	ULMUS PARVIFOLIA	12-18	15-30		14.5
*EIGHTH ST						
885 S	1	ULMUS PARVIFOLIA	6-12	15-30	H	4.5
*ESMOND AV						
1343	1	MYOPORUM LAETUM	6-12	0-15		6.5
2035	1	PRUNUS CERASIFERA	12-18	15-30		6.5
2724	2	PRUNUS CERASIFERA	6-12	15-30		3X2.5
*FLORIDA AV						
1014	3	ACACIA MELANOXYLON	30-36	30-45	H	C6.5
1014 S	2	ACACIA MELANOXYLON	30-36	30-45	L	C6.5
1014 S	4	ACACIA MELANOXYLON	18-24	15-30	L	C6.5
*GARRARD BLVD SO.						
500X M	1	ULMUS PARVIFOLIA	24-30	30-45		99
*HUMPHREY AV						
2412	1	MELALEUCA LINARIIFOLIA	12-18	15-30	H	6.5
*LOWELL AV						
2821	2	LIQUIDAMBAR STYRACIFLUA	6-12	15-30	H	9.5
2901	1	CINNAMOMUM CAMPHORA	24-30	30-45	H	9.5
*PENNSYLVANIA AV						
829 S	2	ACACIA MELANOXYLON	18-24	15-30		2.5
*RHEEM AV						
1505	1	CINNAMOMUM CAMPHORA	12-18	15-30	H	14.5
*RICHMOND AV E						
50X	5	PLATANUS ACERIFOLIA	18-24	30-45		9.5
100X	1	PLATANUS ACERIFOLIA	18-24	30-45		9.5
*ROOSEVELT AV						
2725 S	2	MELALEUCA LINARIIFOLIA	12-18	15-30	H	5.5
*SOLANO AV						
3829 S	2	CINNAMOMUM CAMPHORA	12-18	15-30		3.5
*WASHINGTON AV						
11	2	ULMUS PARVIFOLIA	12-18	15-30		4X4
151X	1	ULMUS PARVIFOLIA	12-18	15-30		4X4
*YUBA ST						
717	2	CINNAMOMUM CAMPHORA	18-24	15-30		6
821	3	ULMUS PARVIFOLIA	12-18	30-45		6

APPENDIX D

City of Richmond
Urban Forestry Management/Master Plan
Summer 1989

Thomas J. Pehrson
Urban Forestry Consultants

Major Sidewalk Damage by Geographical Areas Central Richmond



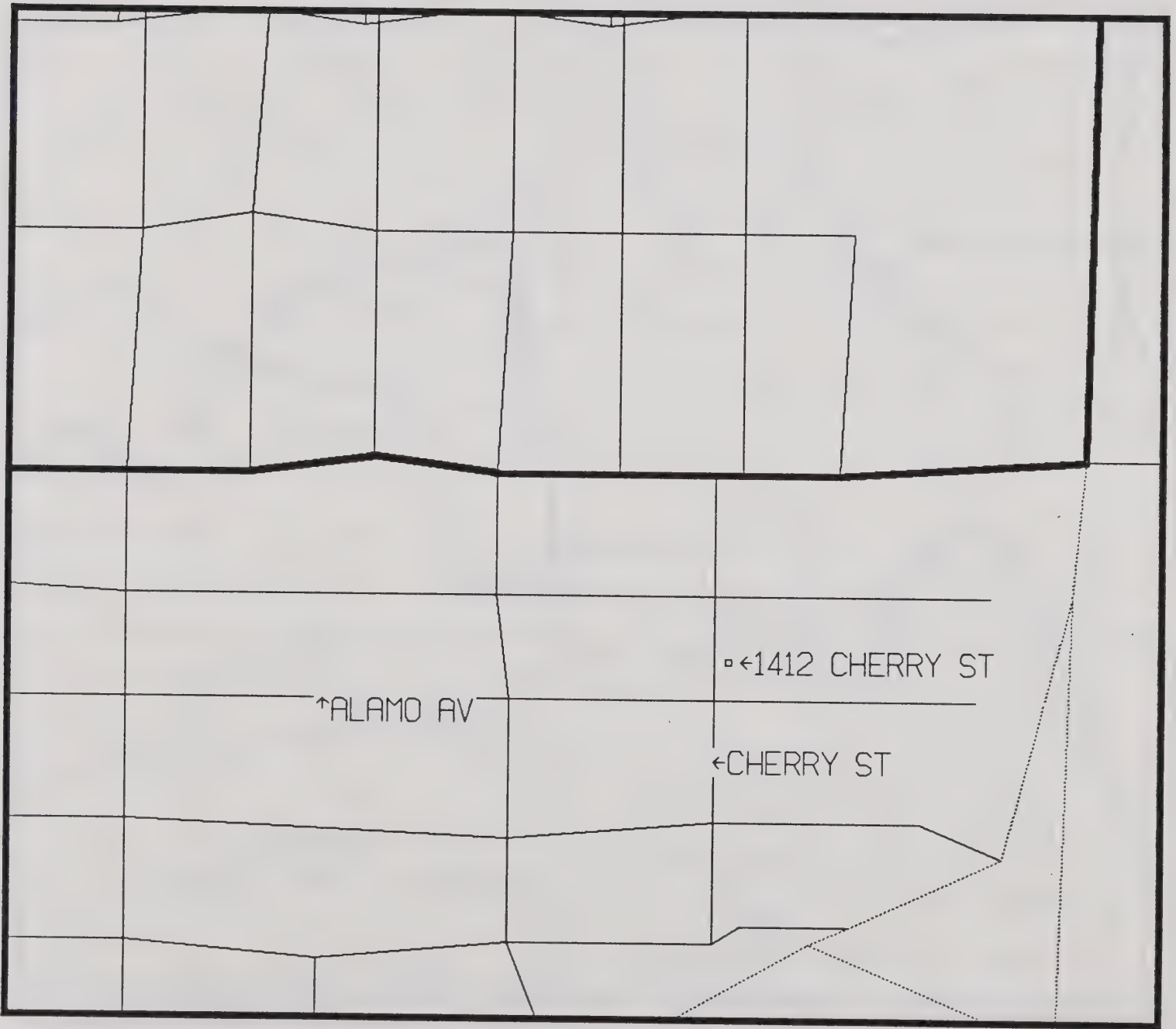
Major Sidewalk Damage by Geographical Areas El Sobrante



Major Sidewalk Damage by Geographical Areas Central Richmond



Major Sidewalk Damage by Geographical Areas Central Richmond



Major Sidewalk Damage by Geographical Areas Central Richmond



Major Sidewalk Damage by Geographical Areas Central Richmond



Major Sidewalk Damage by Geographical Areas Central Richmond



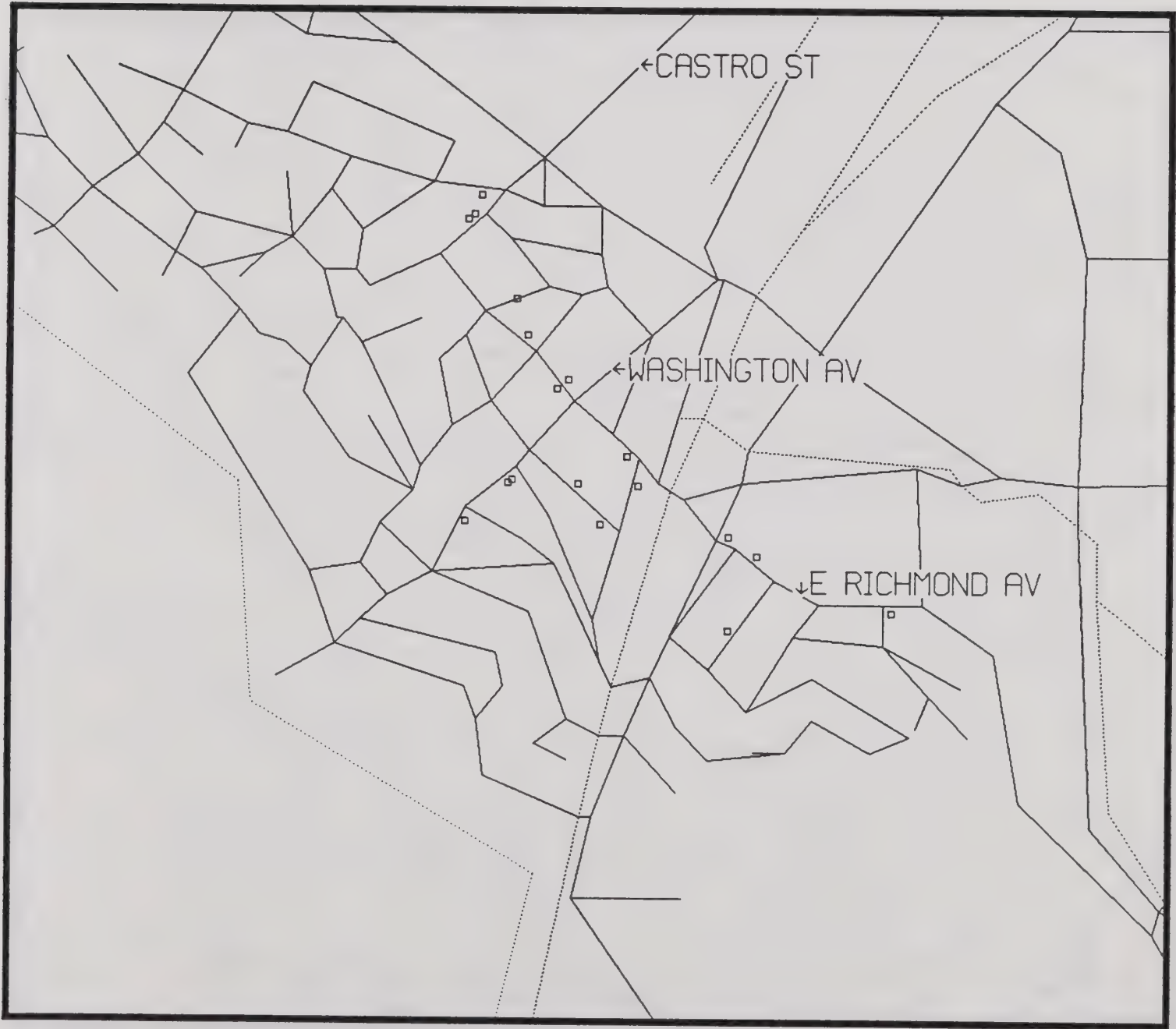
Major Sidewalk Damage by Geographical Areas Richmond Annex



Major Sidewalk Damage by Geographical Areas Richmond Annex



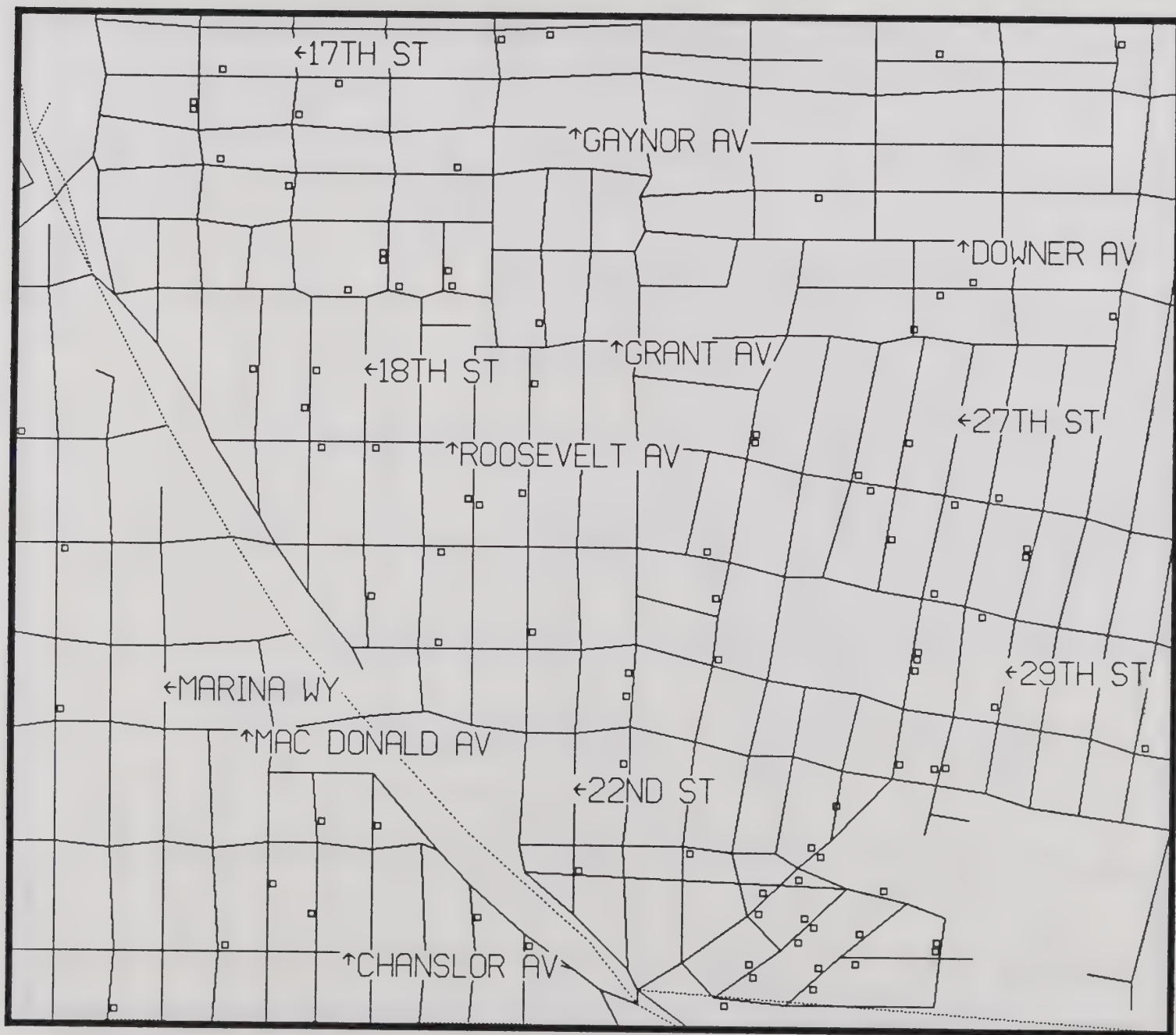
Major Sidewalk Damage by Geographical Areas Point Richmond



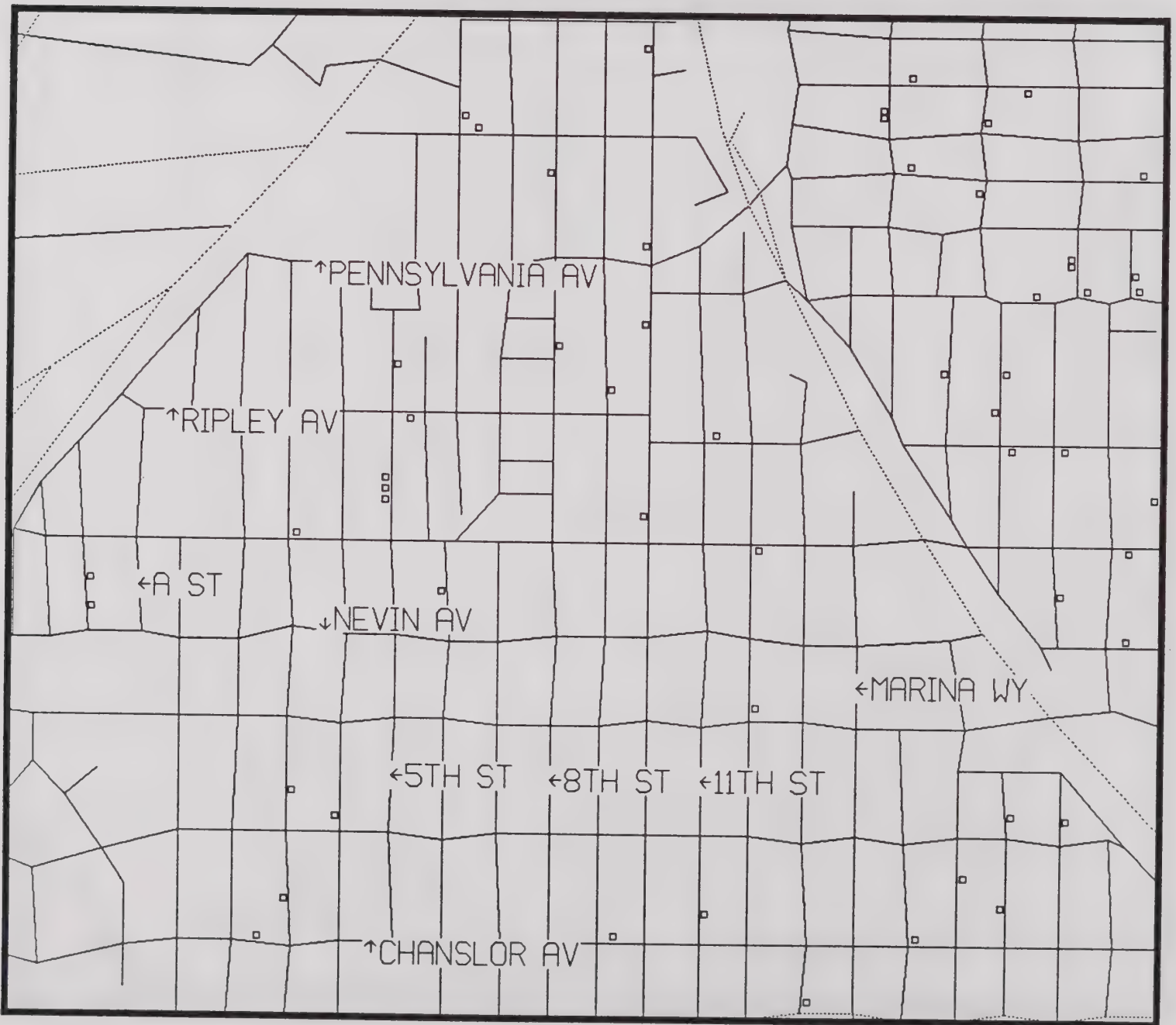
Major Sidewalk Damage by Geographical Areas Hilltop



Major Sidewalk Damage by Geographical Areas Central Richmond



Major Sidewalk Damage by Geographical Areas Central Richmond



Major Sidewalk Damage by Geographical Areas Central Richmond



APPENDIX E

City of Richmond
Urban Forestry Management/Master Plan
Summer 1989

Thomas J. Pehrson
Urban Forestry Consultants

APPENDIX E
CITY OF RICHMOND
SUGGESTED SUPPLIERS LIST

- | | | |
|-----|--|--------------|
| 1. | FAR PASTURES NURSERY
26929 25th Avenue NE
Arlington, Washington 98223 | 206-435-4300 |
| 2. | SKYLARK NURSERY
6735 Sonoma Highway
Santa Rosa, California 95405 | 707-539-1565 |
| 3. | A TO Z NURSERY
16800 Pollard Road
Los Gatos, California 95030 | 408-374-7350 |
| 4. | VALLEY CREST TREE NURSERY
8501 Calaveras Road
Sunol, California 94586 | 415-862-2485 |
| 5. | BOETHING TREE LAND NURSERY
8501 Alpine Road
Portola Valley, California 94025 | 415-851-4770 |
| 6. | E & F NURSERY
Route 1, Box 185
Forest Grove, Oregon 97116 | 503-357-5141 |
| 7. | T. H. BELCHER NURSERY
33755 SE Bluff Road
Boring, Oregon 97009 | 503-663-3593 |
| 8. | PACIFICE COAST NURSERY
18616 NW Reeder Road
Portland, Oregon 97231 | 503-224-2277 |
| 9. | DRAKE'S CROSSING NURSERY
19774 Grade Road SE
Silverton, Oregon 97381 | 503-873-4932 |
| 10. | LACELEAF NURSERY
13525 SE Lusted Road
Sandy, Oregon 97055 | 503-668-5904 |

APPENDIX E
CITY OF RICHMOND
SUGGESTED SUPPLIERS LIST
Page 2

- | | | |
|-----|--|--------------|
| 11. | MAR-LYN FARMS
10227 S. Macksburg Road
Canby, Oregon 97013 | 503-266-2112 |
| 12. | TYEE TREE NURSERY
P.O. Box 2269
Roseburg, Oregon 97470 | 503-459-4094 |
| 13. | VIEWCREST NURSERIES
12713 NE 184th Street
Battleground, Washington 98604 | 206-687-5167 |
| 14. | CARLTON PLANTS COMPANY
P. O. Box 398
Dayton, Oregon 97114 | 503-868-7971 |
| 15. | J. FRANK SCHMIDT & SON COMPANY
P. O. Box 189
Boring, Oregon 97009 | 503-663-4128 |
| 16. | NORTHWEST SHADE TREES
12973 SE 352nd Avenue
Boring, Oregon 97009 | 503-663-3520 |
| 17. | MT. ARBOR NURSERIES
22100 Lafayette Highway NW
Salem, Oregon 97304 | 503-868-7201 |
| 18. | COLUMBIA BASIN NURSERY
P. O. Box 458
Quincy, Washington 98848 | 503-787-4411 |
| 19. | L. E. COOKE & COMPANY
26333 Road 140
Visalia, California 93277 | 209-732-9146 |
| 20. | TREE HAVEN NURSERY
3280 Heck Pass Road
Gilroy, California 95020 | 408-847-2047 |

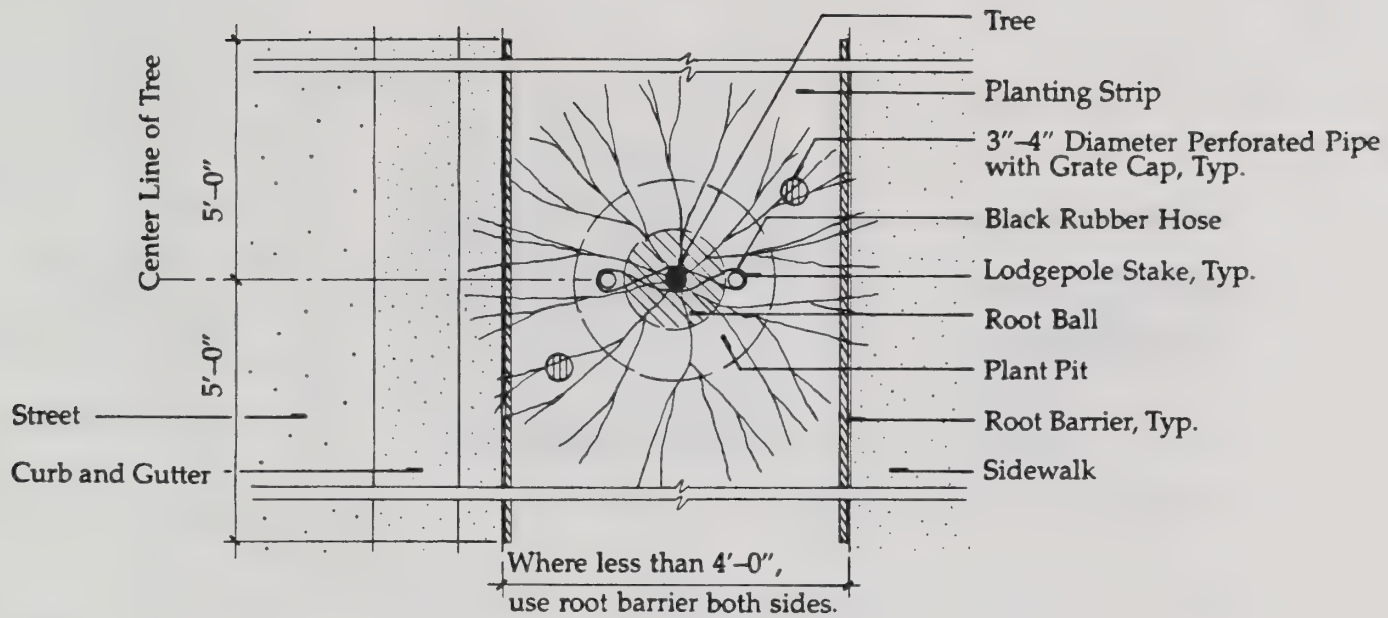
APPENDIX E
CITY OF RICHMOND
SUGGESTED SUPPLIERS LIST
Page 3

- | | | |
|-----|---|--------------|
| 21. | JOYCE FARMS. INC
Route 3, Box 222
Sherwood, Oregon 97140 | 503-625-6834 |
| 22. | MOTZ & SON NURSERY
11445 NW Skyline Road
Portland, Oregon 97231 | 503-645-1342 |

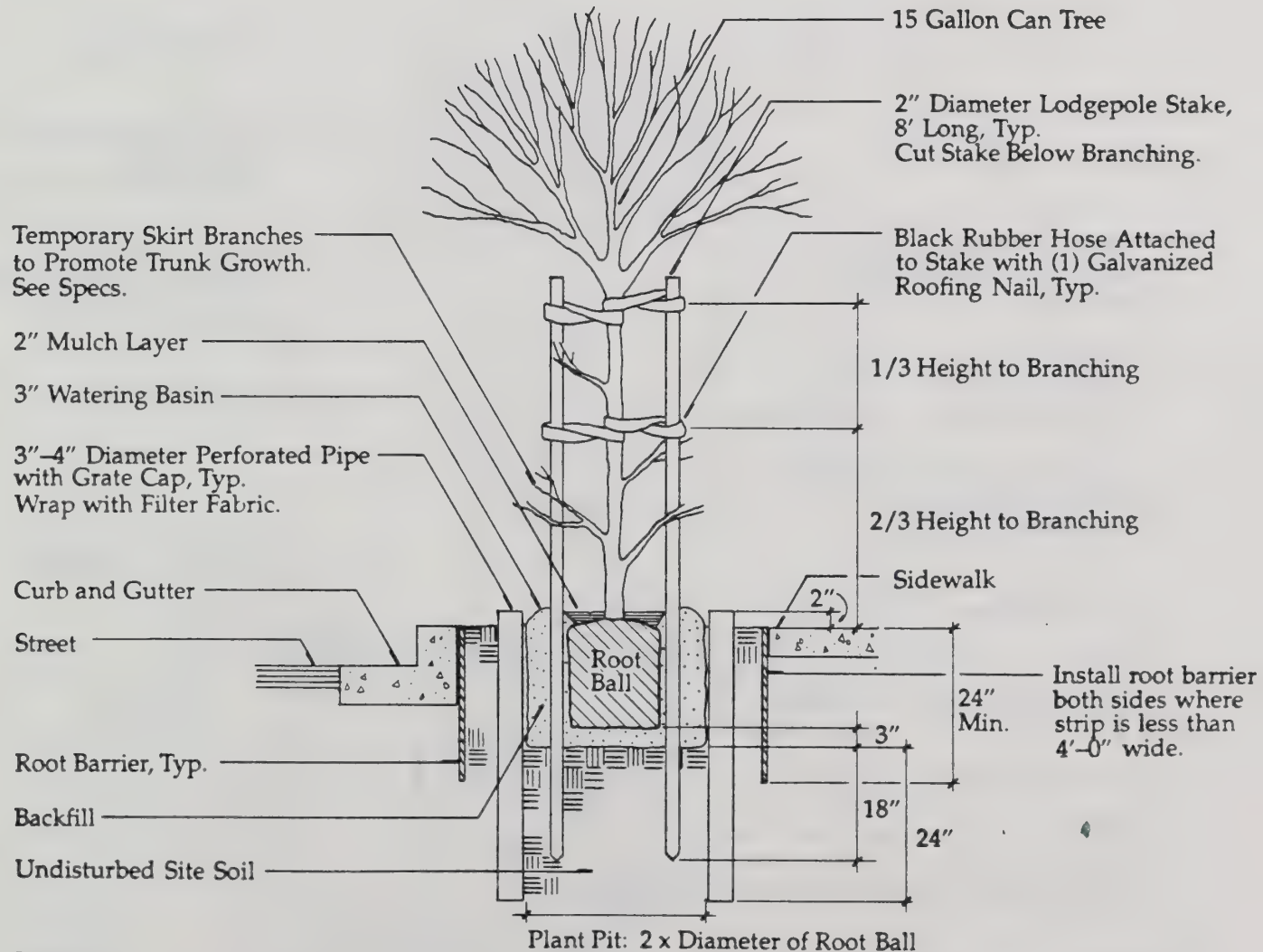
APPENDIX F

**City of Richmond
Urban Forestry Management/Master Plan
Summer 1989**

**Thomas J. Pehrson
Urban Forestry Consultants**

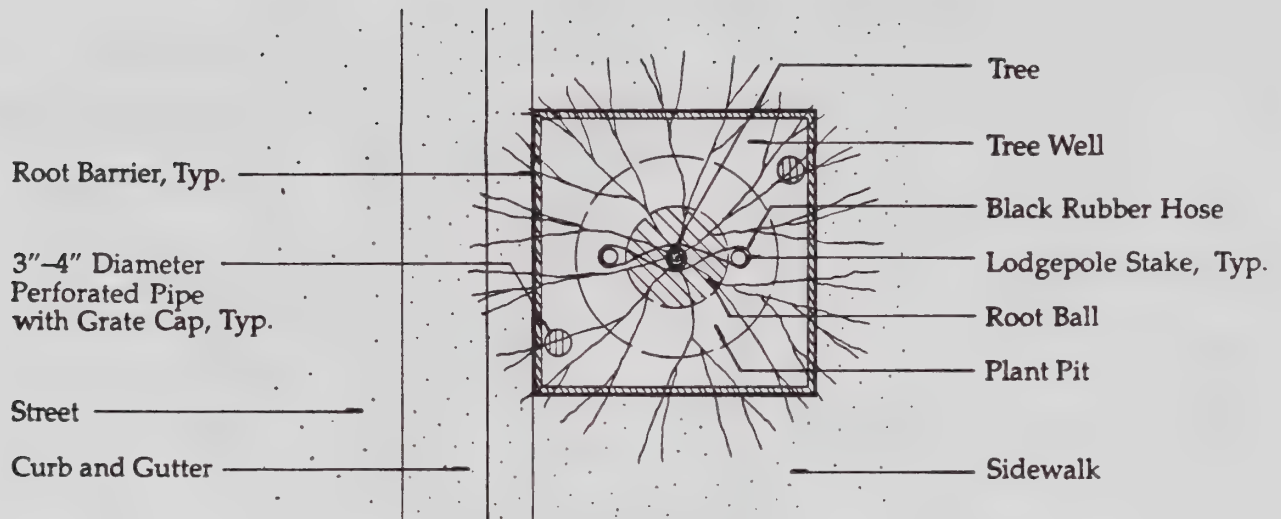


Plan

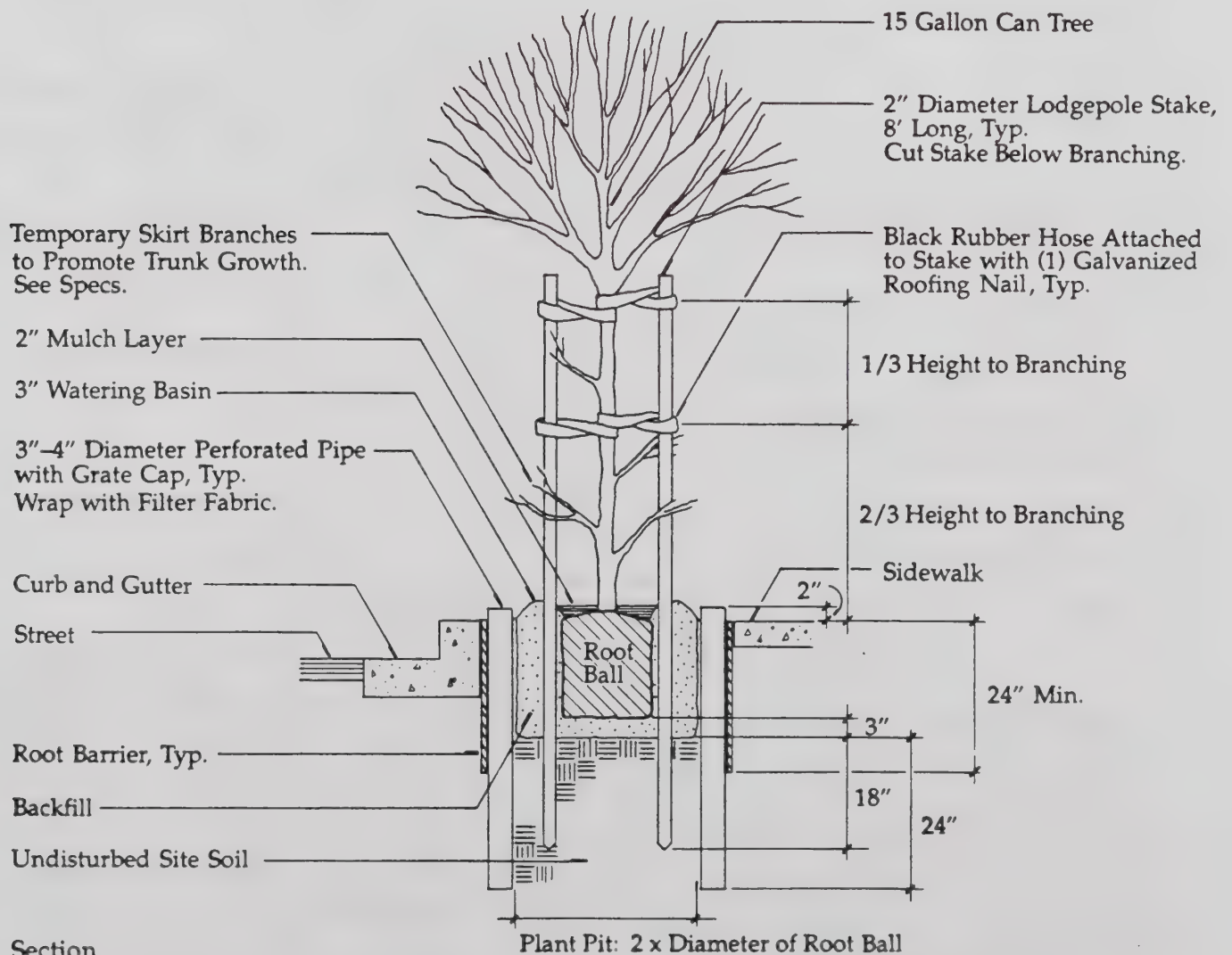


Section

Tree Planting Detail - Planting Strip

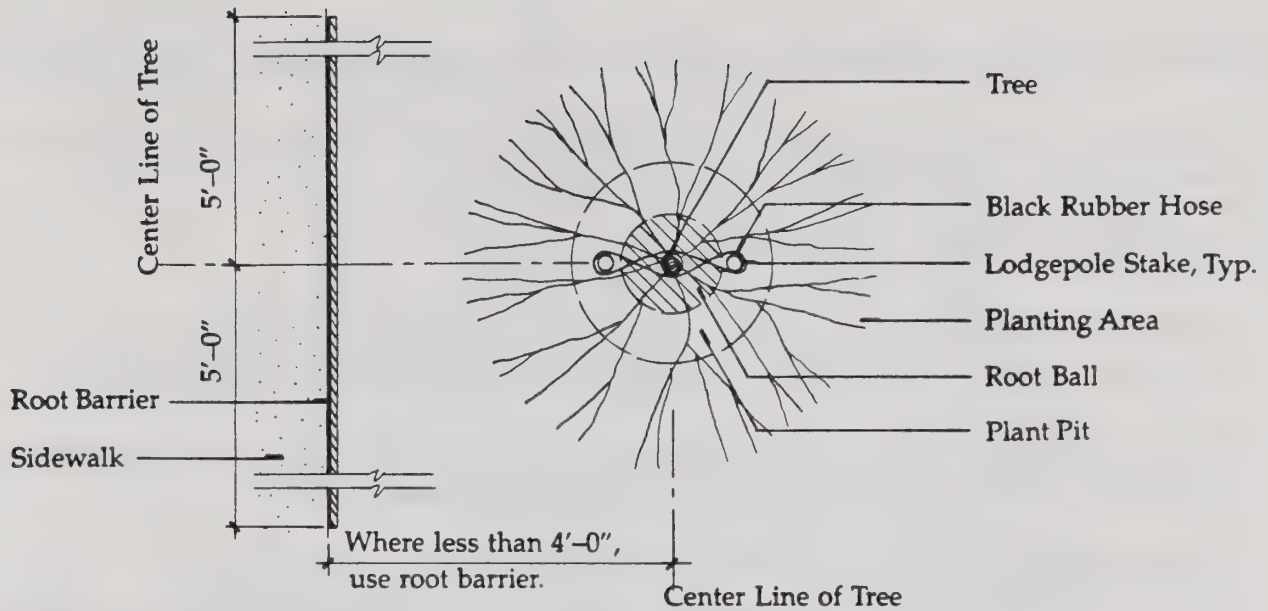


Plan

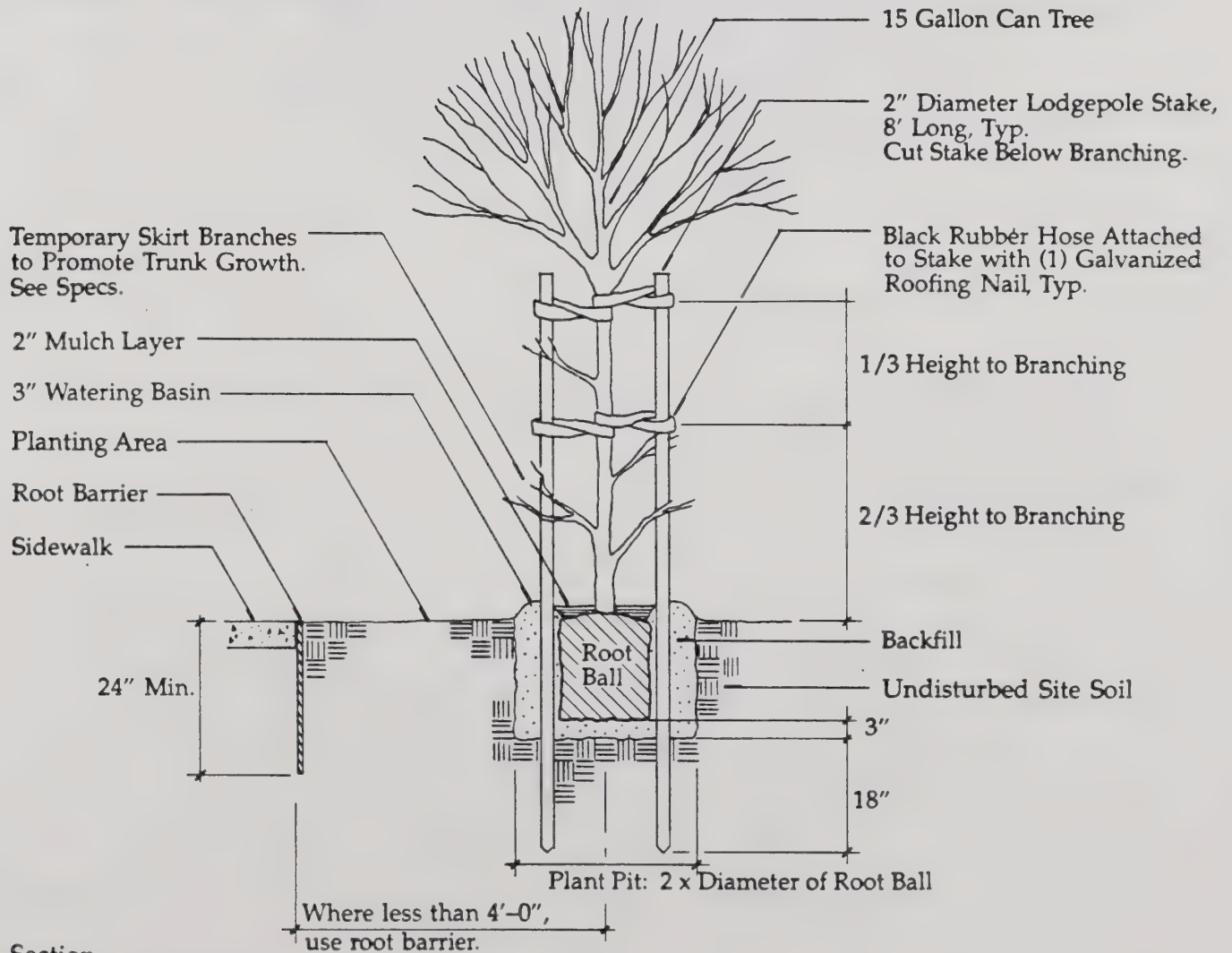


Section

Tree Planting Detail – Tree Well



Plan

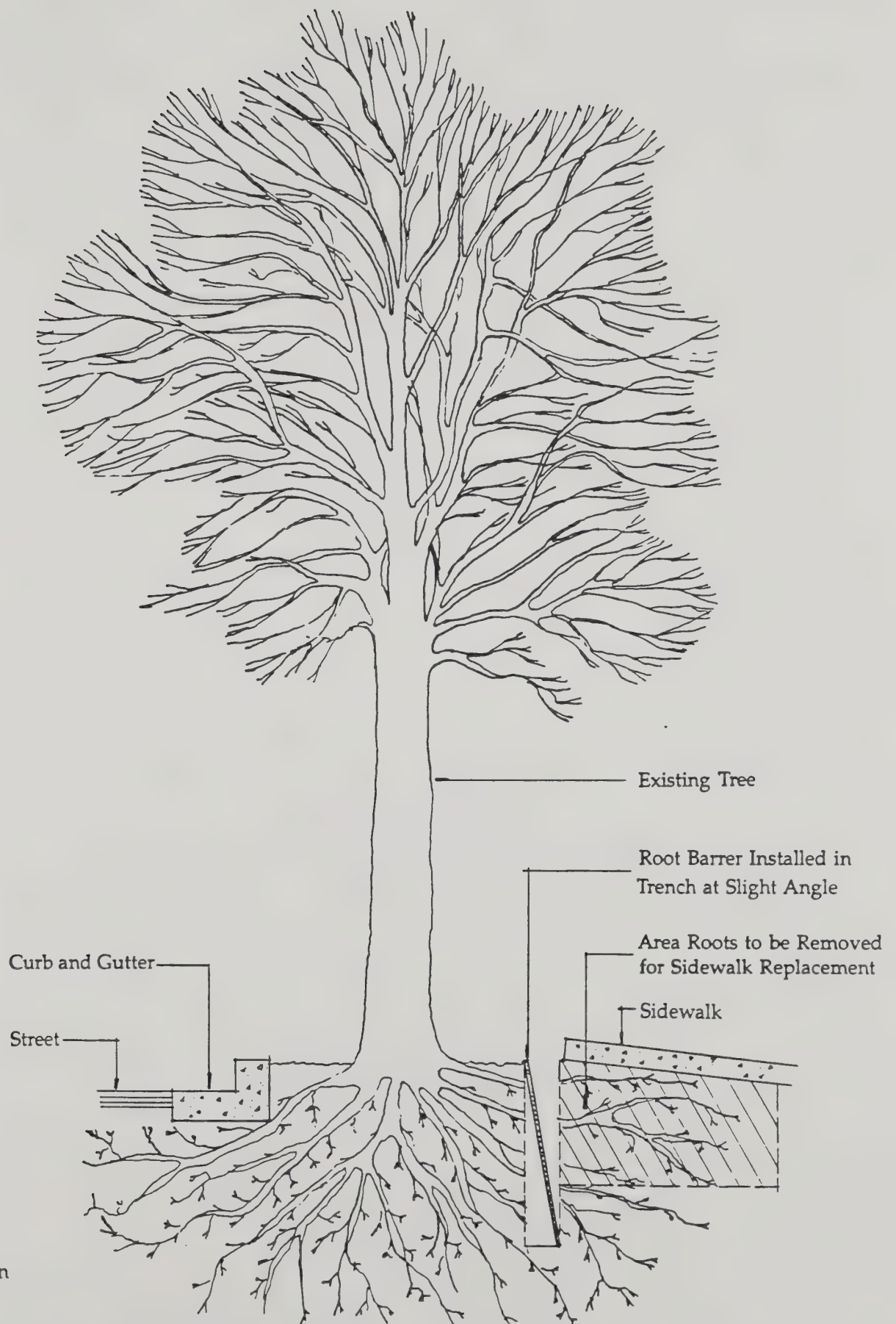


Section

Tree Planting Detail – Planting Area Behind Sidewalk

ADDITIONAL SPECIFICATIONS COMMON TO ALL THREE TREE PLANTING DETAILS

1. Backfill mix shall be site soil removed from plant pit. Incorporate two pounds of Broadleaf P4 per cubic yard prior to placing backfill in pit.
2. Scarify sides and bottom of plant pit.
3. Prior to installation, soak all plants in containers with wetting agent, such as Aqua-Gro. Be certain the entire root ball is saturated before removing the tree from container.
4. Remove rootball from container carefully, supporting it from below. Sever any circling roots 3/16" diameter or greater using a sharp knife or shears.
5. Use backfill to fill hole one half full. Place 1/4 pound Osmocote slow release fertilizer 18-6-12 on soil surface prior to filling hole to finish grade. Pack soil as filling takes place.
6. Water tree thoroughly after planting by filling basin and allowing water to penetrate. Repeat twice.



Root Pruning and Barrier Installation Detail
for Existing Tree

APPENDIX G

**City of Richmond
Urban Forestry Management/Master Plan
Summer 1989**

**Thomas J. Pehrson
Urban Forestry Consultants**

CHARTS OF TREE CHARACTERISTICS

The following plant description charts describe trees which are appropriate for use as street trees in the City of Richmond.

Definition of Terms

Foliage

Deciduous

The tree loses its leaves once a year, usually in the fall.

Evergreen

The tree loses its 2-3 year old leaves usually over a protracted time, usually in spring.

Fall Color

The tree produces attractive fall foliage color. Colors are listed by the following abbreviations:

Y=Yellow, R=Red, O=Orange, BR=Brown.

Microsite Conditions

Sun

The tree requires direct exposure to the sun for most of the day.

Partial Shade

The tree tolerates exposure to high light but little direct sun for most of the day, or exposure to morning sun only, as it would get on the east side of a building.

Good Drainage

The tree requires good drainage. A soil which drains at the rate of 0.05 inches per hour or more will provide the preferred balance of air, water, and solids ideal for root growth. The clay soils found throughout much of Richmond drain more slowly than that, and as a result, are less than ideal for root growth.

Irrigation

Tree which perform significantly better with one thorough irrigation per month will have a checkmark here.

No Water After 2 Years

These are species which with thorough, monthly irrigation and annual fertilizing for the first two years, will perform well with no further irrigation.

Sprinklers

These are trees which do not react to sprinkler irrigation. Sprinkler watering can favor diseases such as Phytophthora or Armillaria, especially in soils with poor drainage. Some of the native Oak species are particularly susceptible to these diseases.

Other species, such as many Eucalyptus trees, have natural tendency to grow shallow roots. If they are sprinkler watered, their roots tend to remain even nearer to the surface (where the water is), increasing the likelihood that they will blow over in strong winds.

Wind

These are species with foliage and branching structure which are only slightly affected or are unaffected by constant winds of over 10 mph or greater.

Any tree in a windy location should be encouraged to have deep roots for two reasons: First, such a tree must have a reliable source of water to withstand drying winds. Secondly, in order for the tree to remain upright, it must have a deep and strong root system.

Heat

Trees which tolerate summer temperatures of mid-90 degrees to low 100 degrees Fahrenheit ranges with only small adverse affects, assuming that other conditions are satisfactory.

Tolerates Alkaline Soil

These are species which will not be significantly inhibited by growing in soils with pH levels of 7.5 to 8.7, assuming the high pH levels are caused by high calcium, magnesium, and slightly elevated levels of boron and sodium.

Root Zone Management

Minimum Width of Planting Site

This is the minimum planter space in which the species should be used without a root barrier if pavement damage is to be avoided. Even trees listed as tolerant of very small spaces can, in very shallow soils or with sprinkler watering, cause pavement damage.

Trees which would cause damage in 3.5 foot planters (Zelkova, as an example) can often be planted in those narrow spaces with a root barrier at the perimeter of the planter space, and thereby prevent pavement damage.

Damage Potential

This is a comment on the degree of surface rooting which may be expected.

Root Barrier

This indicates whether or not a root barrier is recommended (See above).

Flower/Fruit

Flower Color

If the tree has ornamental flowers, its colors are listed by initial:

B=Blue, Y=Yellow, R=Red, PK=Pink, W=White.

Flowering Period

Flowering period by season: Sp=Spring; Su=Summer; Fa=Fall, Wi=Winter.

Fruit

If the tree produces ornamental fruit, it will have a checkmark here.

Fruiting Period

Fruiting period by season: Sp=Spring; Su=Summer; Fa=Fall, Wi=Winter.

Nursery Status

Nursery Availability

If the species is grown by five or more of the major wholesale suppliers in California, it is listed as good availability. If very few growers in California or only bare-root or ball and burlap growers in Oregon-Washington grow the species or cultivar, it is listed as having poor availability. This fact should not deter use of the species or cultivar, only warn the municipal personnel that they must order them six months or more in advance.

Nursery Origin

This indicates the state that the tree grower's operations is likely to be located. Again, this should not deter use of the species or cultivar.

Stock Type

This notes the method by which this species is commonly sold by growers.

Growth/Stature

Growth Rate

Fast is assumed to be 2.5 feet per year or more. Moderate is assumed to be from 1 foot to 2.5 feet per year. Slow is assumed to be less than 1 foot per year. Seedling variation will have an influence on these measurements when seed-grown (non-budded) plants are used.

Height at Age 10

These measurements are minimums based on the assumption of monthly irrigation for the first two years and an annual fertilizer application.

Height at Age 20

As above.

Spread at Age 10

As above.

Spread at Maturity

Again, as above.

Lifespan

This figure is based on the assumption of monthly irrigation for the first two years and appropriate pruning as needed as the tree reaches middle age.

Comments

These are special notes as to how this particular species will perform as a street tree.

Acer campestre

Hedge Maple

Foliage

deciduous ☒
evergreen ☐
fall color

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☒
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Root Zone Management

min. width of plant site
damage potential
root barrier

Comments

A very dense crown of 3 in. dark green foliage on a round form which turns brilliant yellow in the fall. This is the most drought-tolerant of the street tree maples.

Acer nigrum 'Green Column'

Black Maple

Foliage

deciduous ☒
evergreen ☐
fall color

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Microsite conditions

sun ☐
partial shade ☐
good drainage ☐
irrigation ☐
no water after 2 yrs ☒
sprinklers ☐
wind ☐
heat ☐
tolerates alkaline soil ☐

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Comments

This oval, upright crown is covered with light green foliage which turns yellow in the fall. Reputed to be one of the best of maples for street use. This selected cultivar has a well formed crown which needs very little pruning. Tolerant of severe heat and drought once established.

Acer paxii

Evergreen Maple

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☒
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit ☒
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

This is a truly evergreen Maple with a very dense, round crown of medium green foliage with light green undersides.

Very slow growth and difficult to find, but worth using.

Acer psuedoplatanus

Sycamore Maple

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☒

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Sycamore Maple is a prime candidate for use near the ocean where deciduou trees are needed or desired. This tree is tolerant of winds, alkaline soils and poor drainage. Its yellow fall color is attractive but not spectacular.

Acer rubrum 'Armstrong'

Armstrong Maple

Foliage

deciduous ☒
evergreen ☐
fall color

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Root Zone Management

min. width of plant site
damage potential
root barrier

Comments

One of the more narrow, upright-growing Maples, recommended because it colors consistently in the warmer climates of the Bay Area. Major characteristic is a full canopy which needs very little pruning.

Acer rubrum 'October Glory'

October Glory Maple

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☐
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

A tall round-headed tree, this is one of the last trees to turn color in the fall. Prefers full sun, but will perform in partial shade.

Aesculus carnea

Red Horsechestnut

Foliage

deciduous ☒
evergreen ☐
fall color

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Microsite conditions

sun ☒
partial shade ☒
good drainage ☒
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☐
tolerates alkaline soil ☒

Nursery Status

nursery availability
nursery origin
stock type

Root Zone Management

min. width of plant site
damage potential
root barrier

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

This tree has 8" to 10" broad palmately compound leaves on a round canopy. Spikes of dark pink flowers are produced in the spring. Slow when young, but extremely long lived. Horizontal branching requires pruning in early years.

Alnus cordata

Italian Alder

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☒

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Italian Alder is the most handsome of the Alders for use as a street tree; however, the seed pods which turn black and hang on for several years are objectionable to some people. Careful selection of individuals with genes tending toward vertical growth is important when purchasing. Italian Alder has an upright, dense canopy of dark green, shiny, 3" foliage.

Betula nigra

River Birch

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☒

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Heritage Birch is a good substitute for White Birch in alkaline soils or slightly drier soils than White Birch will tolerate. 2"

hard green leaves turn butter yellow in the fall. The bark has light tan to rusty shading with horizontal peeling.

Very few insect or disease problems.

Carpinus betulus 'Fastigata'

Fastigate Hornbeam

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☒
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

An oval, upright form of very regular habit which needs no pruning. Every specimen is perfect without pruning. Two-inch rigid leaves produce a handsome texture, and the winter twig pattern is attractive.

Carpinus caroliniana

Carolina Hornbeam

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☐
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

The Carolina Hornbeam has great potential for street tree use. An oval, upright habit with very strong wood and little need for pruning make the tree attractive for street tree use. Dark green, 2" beech-like leaves lightly cover the canopy.

Celtis australis

European Hackberry

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☒
no water after 2 yrs ☒
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

A semi-open crown of Elm-like structure, lightly covered by 3" long, dull green leaves. Reputed to cause very little concrete damage. Beautiful gray bark and twisted branching make this attractive in maturity. Tolerant of alkaline soil conditions.

Eucalyptus ficifolia

Scarlet Gum

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☒
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Dense, round-headed, with 4" dark green foliage. This tree must be pruned in the first 2 or 3 years of planting to form a desirable crown structure. Brilliant, red, pink, or white flowers borne in profusion after a few years. The resulting seed pods hang on for many years and should be removed by pruning every few years, at least while the tree is young.

Eucalyptus gunnii

Cider Gum

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☐
no water after 2 yrs ☒
sprinklers ☐
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

An oval, upright form of silver-green foliage which changes from round, stem less leaves to 3" long, narrow leaves with maturity. One of the Eucalyptus street trees least damaged by wind. Must be shaped and thinned in the first two years.

Eucalyptus microtheca

Flooded Box

Foliage

deciduous ☐
evergreen ☒
fall color

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☐
no water after 2 yrs ☒
sprinklers ☐
wind ☒
heat ☒
tolerates alkaline soil ☐

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Comments

Flooded Box is one of the Eucalyptus trees suitable for street tree use. Very little limb-breakage is seen in this species due to its habit and small foliage. The 2' long, grey-green foliage is beautifully contrasted against the white to tan bark.

Eucalyptus parvifolia

Little-leaved Gum

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☐
no water after 2 yrs ☒
sprinklers ☐
wind ☒
heat ☒
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

A small, round-headed, semi-open crown of small foliage makes this species very tolerant of wind. Strips of bark peeling from the trunk and major limbs can be a nuisance. One of the easiest Eucalyptus to care for, if this tree is ever stub-cut it, produces a well-formed crown that needs very little attention. The 3" round blue-grey lvs. lightly cover the fluffy crown.

Eucalyptus polyanthemos

Silver Dollar Gum

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☒
no water after 2 yrs ☒
sprinklers ☐
wind ☒
heat ☒
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Much less prone to breakage than most Eucalyptus species. A semi-open habit, a pleasing form and color are characteristic of this species.

Fraxinus americana 'Autumn Purple'

American Ash

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☐
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

This is a seedless white ash producing deep purple fall color, a semi-open upright crown of 2" leaflets. Requires a reasonably good soil to perform well.

Fraxinus x 'Moraine'

Moraine Ash

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☒
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☒

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

An oval-upright form, with a fairly fine texture for an Ash, this Ash turns butter yellow in the fall. Susceptible to Lygus genus insects. Bears some seed. Will not tolerate poorly drained soils.

Fraxinus oxycarpa 'Raywood'

Raywood Ash

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Raywood Ash produces dense, dark green, oval upright crown of glossy foliage. It is recognizable by the lush, healthy look of summer foliage, followed by dark purple and rusty fall colors. Resistant to all of the Ash diseases and most insects.

Geijera parvifolia

Australian Willow

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☒
irrigation ☐
no water after 2 yrs ☒
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☒

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

This upright-branched tree produces 6" long, narrow, pendulous leaves resulting in an oval crown of semi-open habit.

It must have a reasonably good soil to perform well. Extremely variable from seed, some seedlings produce poor structure.

Very destructive to pavement, install root barriers

Ginkgo biloba 'Fairmont'

Fairmont Maidenhair Tree

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Fairmont Ginkgo grows twice as fast as other Ginkgo cultivars and produces a characteristic single leader with whorls of branches surrounding the trunk. Every Ginkgo purchased should be labeled with nursery source and cultivar name. Great care should be taken to purchase only trees whose bud unions are visible to avoid receiving non-budded Ginkgos.

Jubaea chilensis

Chilean Wine Palm

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit ☒
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Chilean Wine Palm is similar in shape to the more commonly used Canary Island Date Palm. The long pinnate leaves in combination with its smooth, broad trunk patterned with leaf scars make this palm one of the most prized trees in California.

Koelreuteria paniculata

Golden Rain Tree

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☐
no water after 2 yrs ☒
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit ☐
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

A broom style Elm-like structure on a round-headed small tree, covered with medium green compound leaves in a habit. Yellow flowers on vertical spikes appear in spring, followed by a reddish-brown lantern-like seed capsules.

To build structure, this tree must be pruned every year for the first 3 years

Lagerstroemia hybrids

Crape Myrtle

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☒
no water after 2 yrs ☒
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

*Three cultivars are recommended: 'Muskogee' (light lavender), 'Natchez' (white), and 'Tuscarora' (pink).

All are very useful, mildew resistant cultivars. They produce flowers in terminal clusters in the summer. Train as single or multi-stemmed tree. Neutral to acidic soil. Doesn't tolerate constant winds.

Laurus x 'Saratoga'

Hybrid Laurel

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☐
no water after 2 yrs ☒
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

This new Laurel hybrid produces 3" diameter, almost round leaves of dark green color, which fully cover a round crown.

This has a well formed structure that needs very little work. It has none of the scale or psyllid problems of Grecian

Laurel.

Magnolia grandiflora 'St. Mary'

Southern Magnolia

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☒

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

This is a round-headed Southern Magnolia with glossy, green, 8" long leaves and a heavy brown tomentum on the underside. Growth rate is similar to Magnolia Russet, but round in form, rather than upright.

Magnolia grandiflora 'Russett'

Southern Magnolia

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☐
wind ☒
heat ☐
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☒

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Oval, upright crown covered with dark green, glossy, and flat foliage with a bright russet colored tomentum on the bottom.
This is the fastest growing, most narrow of the Southern magnolia clones. 5" fragrant white flowers are scattered through the tree in summer.

Malus 'Robinson'

Crabapple

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit ☒
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

An oval, upright crown covered with white flowers in spring. This is the best of the Crabapples for street tree use. It is resistant to Fire Blight, Mildew, and Apple Scab. Vigorous growth make this a more practical street tree than the commonly used Crabapples. Its red fruits are very small and not as messy as the larger fruited Crabapples.

Melaleuca linariifolia

Flax-leaved Paperbark

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☐
no water after 2 yrs ☒
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

An umbrella-like form covered with very small, linear leaves, and in the spring with massive quantities of white flowers.

The thick bark is attractive, but easily peeled off by vandals. One of the best small trees for small parking strips.

A skirt of foliage must be kept on the trunk for the first several years to develop roots and trunk caliper.

Melaleuca quinquenervia

Cajeput Tree

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☒
heat ☐
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit ☐
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Cajeput Tree is one of the most broadly tolerant species of this genus. It will tolerate alkaline conditions, drought (once established) or consistently wet soils, as well as constant winds. An ideal subject to use directly adjacent to the ocean.

Beautiful, thick, papery bark and 1" gray-green leaves on oval, upright form are typical of this species.

Melaleuca styphellioides

Prickly Paperbark

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☐
no water after 2 yrs ☒
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

An oval, upright tree covered with very small foliage and scattered clusters of small, white flowers in late spring. The small foliage is dull green and fully covers the crown of the tree. The interesting branching structure adds to the beauty.

Metrosideros excelsus

New Zealand Christmas Tree

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☒
heat ☐
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit ☐
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

A dense, round crown of dark green leaves with grey undersides is typical of this species. Very slow in youth but very long lived. After several years it begins to produce terminal clusters of red flowers which resemble Christmas decorations.

Tolerant of conditions beside the ocean. A skirt of short, small twigs must be left on the trunk to develop a strong trunk.

Nyssa sylvatica

Tupelo

Foliage

deciduous ☒
evergreen ☐
fall color

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Root Zone Management

min. width of plant site
damage potential
root barrier

Comments

A pyramidal tree that is lightly covered with 3" dark, green glossy leaves, which turn lipstick red in the fall. It must have acidic or neutral soils to be successful. A good substitute for Liquidambar.

Pinus canariensis

Canary Island Pine

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☐
no water after 2 yrs ☒
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

One of the few conifers useful as a street tree due to its narrow, upright habit and lack of destructive root characteristics;
however, quantities of old needles are dropped from large trees in the spring

Pistachia chinensis

Chinese Pistacio

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☐
no water after 2 yrs ☒
sprinklers ☐
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

A round-headed tree at maturity which requires pruning in the first 2 to 4 years to prevent the nuisance to road and foot traffic caused by horizontal branch growth. After it is established, it is very drought tolerant. One of the best fall coloring trees for our climate. Should not be used in heavily watered lawns.

Platanus acerifolia 'Yarwood'

London Plane

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☐
no water after 2 yrs ☐
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

This cultivar has resistance to Sycamore mildew and leafs out later than the Anthracnose diseases occur. It is partly resistant to Sycamore scale, thus it does not suffer summer leaf drop. It will grow in almoist any soil. It needs very little pruning to achieve semi-open habit and excellent form. The lvs. are initially 8" diameter, but decrease to 5" with age.

Prunus caroliniana

Carolina Laurel Cherry

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit ☒
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Carolina Laurel Cherry is a good substitute for Camphor trees . It has a similar upright,oval habit with evergreen leaves.

The leaves are 3" long, dark green, and glossy and densely cover the crown. In the first 3 years it must be watered and structurally pruned. This helps the tree to be healthy and free of peach b orer infestations and strengthens structure.

Pyrus calleryana 'Aristocrat'

Aristocrat Pear

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☐
no water after 2 yrs ☒
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

A dense, pyramidal form of handsome dark glossy green foliage, turning red in the fall. The white flowers which occur before or with the foliage in the spring are an added bonus. Some fruit the size of a pencil eraser have been noted, but not in large quantities. Not nearly as susceptible to Pear Blight as Ever green pear.

Prunus sargentii 'Columnaris'

Columnar Sargent Cherry

Foliage

deciduous ☒

evergreen ☐

fall color

Microsite conditions

sun ☒

partial shade ☒

good drainage ☒

irrigation ☒

no water after 2 yrs ☒

sprinklers ☒

wind ☐

heat ☐

tolerates alkaline soil ☐

Root Zone Management

min. width of plant site

damage potential

root barrier ☒

Flower/Fruit

flower color

flowering period

fruit

fruiting period

Nursery Status

nursery availability

nursery origin

stock type

Growth/stature

growth rate

height at age 10

height at age 20

spread at age 10

spread at maturity

lifespan

Comments

This species of cherry is much better adapted to urban tree use than the more commonly used cultivars. It will tolerate poor soil. 4" long, dark green lvs. turn brilliant orange-red in the fall. Light pink flowers are scattered through the tree in early spring.

Prunus yedoensis

Yoshino Cherry

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit ☐
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Yoshino Cherry (not Akebono cultivar) forms an excellent, fairly large street tree. The fragrant single white flowers are abundantly scattered throughout the tree in spring, folowed by 3 in. long, dark green foliage. Fall color is yellow-orange.

Purchase only trees budded near ground level.

Quercus agrifolia

Coast Live Oak

Foliage

deciduous

☐

evergreen

☒

fall color

Flower/Fruit

flower color

flowering period

fruit

fruiting period

Microsite conditions

sun

☒

partial shade

☒

good drainage

☐

irrigation

☒

no water after 2 yrs

☒

sprinklers

☐

wind

☒

heat

☒

tolerates alkaline soil

☒

Nursery Status

nursery availability

nursery origin

stock type

Growth/stature

growth rate

height at age 10

height at age 20

spread at age 10

spread at maturity

lifespan

Root Zone Management

min. width of plant site

damage potential

root barrier

☐

Comments

A dense, dark green round head of glossy 1-1/2" foliage characterizes the Coast Live Oak. An excellent street tree causing very little concrete damage even in old age and offering excellent structure with some shaping. The well-known oak pests seem to be a smaller problem for street trees of this species than in forests

Quercus robur 'Skymaster'

Pyramidal English Oak

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

This pyramidal form of English Oak is ideally suited for street tree use. Dark, glossy green, lobed leaves on a naturally formed structure mean little or no pruning is necessary. The foliage turns yellow and brown in the fall. Most English Oaks are infested by some Aphids but not to the degree that the species is objectionable as a street tree.

Quercus suber

Cork Oak

Foliage

deciduous ☐
evergreen ☒
fall color

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Microsite conditions

sun ☒
partial shade ☒
good drainage ☒
irrigation ☒
no water after 2 yrs ☒
sprinklers ☐
wind ☒
heat ☒
tolerates alkaline soil ☐

Nursery Status

nursery availability
nursery origin
stock type

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Like a smaller Coast Live Oak. Beautiful, 3" to 4" thick bark. May be attractive to black aphids. Drops some acorns.

And, drops most of its leaves in the spring. Few other insects bother this long-lived, tough street tree.

Quercus virginiana

Southern Live Oak

Foliage

deciduous ☐
evergreen ☒
fall color

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☒
sprinklers ☒
wind ☒
heat ☐
tolerates alkaline soil ☐

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Root Zone Management

min. width of plant site
damage potential
root barrier

Comments

Evergreen along the coast. Broad, spreading crown. Thrives on ample water and deep, rich soils.

Robinia psuedoacacia 'Umbraculifera'

Globe Locust

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☐
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☒

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Globe Locust is top grafted to form a dense, round crown on a tall trunk. The result is a more full, more dense crown which is less brittle and more easily managed as a street tree than black locust. White flowers produced in small quantities in the spring.

Sapium sebiferum

Chinese Tallow

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☐
partial shade ☐
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit ☐
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Chinese Tallow tree forms a round crown which is lightly covered by a 3" round, bright green foliage, which turns brilliant orange in the fall. Three to four-inch long catkins of yellow flowers appear in the summer to add interest.

It must be pruned for structure in the first few years.

Sophora japonica 'Regent'

Scholar Tree

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit ☐
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

This selected form of Scholar tree produces dark green, glossy foliage on an umbrella like form. In addition, growth is and more predictable in shape than the species in general. Masses of white flowers are borne for a 6- to 8-week period in summer. The attractive new twigs and branches are dark green with white specks.

Tilia americana 'Redmond'

Basswood

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☒
heat ☐
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit ☐
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

This form of American Basswood was selected specifically for street tree use. It produces a pyramidal canopy with very glossy, light green leaves. A long-lived tree of good form, needing very little care. Small quantities of aphids might be expected, but are not a serious problem.

Tilia cordata 'Chancellor'

Little-Leaf Linden

Foliage

deciduous ☒
evergreen ☐
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit ☐
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

Leaves are dark green above and pale green below. This selected Little-Leaf Linden is pyramidal in habit and a perfect street tree. Small quantities of aphids occur, but these do not preclude the use of this tree on streets. Fall color is yellow, dropping to reveal a beautiful winter shape

Tristania conferta

Brisbane Box

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☐
no water after 2 yrs ☒
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

A rounded, oval, upright form, densely covered by 4" to 6" leaves. The red peeling bark and foliage resemble native Madrone trees. Use like a small Eucalyptus tree that has few structural problems.

Tristania laurina

Swamp Myrtle

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☒
good drainage ☐
irrigation ☒
no water after 2 yrs ☐
sprinklers ☒
wind ☒
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit ☐
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

A small evergreen tree producing a dense, rounded billowy crown of 3" long, glossy green leaves and very small fragrant flowers. It has very slow growth; however, it is very useful for downtown sites where only small planter spaces are available. Easily pruned to any form.

Washintonia filifera

California Fan Palm

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☒
irrigation ☒
no water after 2 yrs ☒
sprinklers ☐
wind ☐
heat ☒
tolerates alkaline soil ☐

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

California native. Found in desert areas near Palm Springs. Broader crown and stouter trunk than Mexican fan palm.

As leaves mature they bend down to form a skirt of thatch that contributes to the attractiveness of this tree. Thatch should not be allowed to reach the ground due to the fire hazard it presents.

Washingtonia robusta

Mexican Fan Palm

Foliage

deciduous ☐
evergreen ☒
fall color

Microsite conditions

sun ☒
partial shade ☐
good drainage ☐
irrigation ☒
no water after 2 yrs ☒
sprinklers ☒
wind ☐
heat ☒
tolerates alkaline soil ☒

Root Zone Management

min. width of plant site
damage potential
root barrier ☐

Flower/Fruit

flower color
flowering period
fruit
fruiting period

Nursery Status

nursery availability
nursery origin
stock type

Growth/stature

growth rate
height at age 10
height at age 20
spread at age 10
spread at maturity
lifespan

Comments

This tall palm is the most frequently planted palm in California. The fronds can either be removed to leave a decorative thatch or skinned to leave a smooth trunk.

APPENDIX H

City of Richmond
Urban Forestry Management/Master Plan
Summer 1989

Thomas J. Pehrson
Urban Forestry Consultants

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
** PARK/FACILITY NAME - ANN PATHWAY									
PINUS RADIATA	0	0	0	1	0	0	0	0	1
** Subtotal **	0	0	0	1	0	0	0	0	1
** PARK/FACILITY NAME - ANNEX SENIOR CENTER									
QUERCUS AGRIFOLIA	0	0	0	0	2	2	0	0	4
PITTOSPORUM SPP.	0	2	0	1	0	0	0	0	3
MAYTENUS BOARIA	0	0	1	1	0	0	0	0	2
CORDYLINE AUSTRALIS	0	1	0	0	0	0	0	0	1
** Subtotal **	0	3	1	2	2	2	0	0	10
** PARK/FACILITY NAME - ATCHISON PARK									
PINUS RADIATA	0	0	0	1	7	0	0	0	8
CASURINA STRICTA	0	1	3	1	0	0	0	0	5
LIQUIDAMBAR STYRACIFLUA	0	2	1	0	0	0	0	0	3
MORUS ALBA	1	1	0	0	0	0	0	0	2
ULMUS PARVIFOLIA	0	0	2	0	0	0	0	0	2
ALNUS RHOMBIFOLIA	1	0	0	0	0	0	0	0	1
** Subtotal **	2	4	6	2	7	0	0	0	21
** PARK/FACILITY NAME - BART PATHWAY									
PINUS CANARIENSIS	0	2	14	3	0	0	0	0	19
ALNUS RHOMBIFOLIA	0	1	3	13	0	0	0	0	17
SEQUOIA SEMPERVIRENS	0	0	8	7	1	0	0	0	16
LIRIODENDRON TULIPIFERA	2	4	1	0	0	0	0	0	7
PITTOSPORUM UNDULATUM	0	4	0	0	0	0	0	0	4
GLEDITISIA TRIANCANTHOS	1	0	0	0	0	0	0	0	1
PRUNUS CERASIFERA	0	1	0	0	0	0	0	0	1

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
** Subtotal **	3	12	26	23	1	0	0	0	65
** PARK/FACILITY NAME - BAYVIEW LIBRARY									
SEQUOIA SEMPERVIRENS	0	1	5	12	0	0	0	0	18
EUCALYPTUS SIDEROXYLON	1	1	6	5	0	0	0	0	13
PRUNUS SERRULATA	1	7	0	0	0	0	0	0	8
PYRUS KAWAKAMII	0	5	0	0	0	0	0	0	5
CUPRESSUS MACROCARPA	1	1	0	0	0	0	0	0	2
ARBUTUS UNEDO	1	0	0	0	0	0	0	0	1
GLEDITISIA TRIANCANTHOS	1	0	0	0	0	0	0	0	1
** Subtotal **	5	15	11	17	0	0	0	0	48
** PARK/FACILITY NAME - BELDING SCHOOL PARK									
ULMUS PARVIFOLIA	0	0	1	2	0	0	0	0	3
CORDYLINE AUSTRALIS	0	0	1	0	0	0	0	0	1
MAGNOLIA GRANDIFLORA	0	0	0	1	0	0	0	0	1
** Subtotal **	0	0	2	3	0	0	0	0	5
** PARK/FACILITY NAME - BOORMAN PARK									
CUPRESSUS MACROCARPA	1	7	10	2	0	0	0	0	20
ALNUS RHOMBIFOLIA	1	4	5	5	0	0	0	0	15
MYOPORUM LAETUM	0	4	10	0	0	0	0	0	14
CUPRESSOCYPARIS LEYLANDII	0	4	8	1	0	0	0	0	13
PINUS RADIATA	4	0	3	0	0	0	0	0	7
PLATANUS ACERIFOLIA	0	2	2	0	0	0	0	0	4
SCHINUS MOLLE	1	2	0	0	0	0	0	0	3
ARBUTUS UNEDO	1	0	0	0	0	0	0	0	1
CRATEAGUS LAVELLEI	1	0	0	0	0	0	0	0	1
LIRIODENDRON TULIPIFERA	0	0	1	0	0	0	0	0	1

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
** Subtotal **	9	23	39	8	0	0	0	0	79
** PARK/FACILITY NAME - BURG PARK									
LIGUSTRUM LUCIDUM	0	0	0	2	3	0	0	0	5
ULMUS PARVIFOLIA	0	0	1	0	1	1	0	0	3
** Subtotal **	0	0	1	2	4	1	0	0	8
** PARK/FACILITY NAME - CENTRAL PARK									
PLATANUS ACERIFOLIA	0	0	4	6	0	0	0	0	10
PINUS RADIATA	0	0	1	4	2	0	0	0	7
POPULUS NIGRA 'ITALICA'	0	0	0	0	6	0	0	0	6
PRUNUS CERASIFERA	4	2	0	0	0	0	0	0	6
EUCALYPTUS GLOBULUS	0	0	0	0	0	0	3	0	3
QUERCUS AGRIFOLIA	0	0	1	1	0	0	0	0	2
TRISTANIA LAURINA	0	1	0	0	0	0	0	0	1
** Subtotal **	4	3	6	11	8	0	3	0	35
** PARK/FACILITY NAME - CINDY PATHWAY									
ULMUS PARVIFOLIA	0	0	0	2	0	0	0	0	2
** Subtotal **	0	0	0	2	0	0	0	0	2
** PARK/FACILITY NAME - CLINTON PLAYLOT									
ULMUS PARVIFOLIA	0	0	0	8	0	0	0	0	8
QUERCUS AGRIFOLIA	0	0	1	0	0	0	0	0	1
** Subtotal **	0	0	1	8	0	0	0	0	9

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
** PARK/FACILITY NAME - CREELY PATHWAY									
CRATAEGUS PHAENOPYRUM	0	1	1	0	0	0	0	0	2
** Subtotal **	0	1	1	0	0	0	0	0	2
** PARK/FACILITY NAME - CRESCENT PARK									
CUPRESSUS MACROCARPA	0	0	20	57	27	0	0	0	104
EUCALYPTUS SPP	2	20	17	1	0	0	0	0	40
SALIX BABYLONICA	0	0	1	7	2	0	0	0	10
MORUS ALBA	0	0	4	0	0	0	0	0	4
PINUS SPP	0	4	0	0	0	0	0	0	4
ACACIA MELANOXYLON	0	0	1	0	0	0	0	0	1
CUPRESSUS ARIZONICA	0	0	1	0	0	0	0	0	1
** Subtotal **	2	24	44	65	29	0	0	0	164
** PARK/FACILITY NAME - CYPRESS PATHWAY									
OLEA EUROPAEA	0	0	2	0	0	0	0	0	2
LIQUIDAMBAR STYRACIFLUA	0	0	1	0	0	0	0	0	1
PITTOSPORUM SPP.	0	1	0	0	0	0	0	0	1
ULMUS PARVIFOLIA	0	0	1	0	0	0	0	0	1
** Subtotal **	0	1	4	0	0	0	0	0	5
** PARK/FACILITY NAME - DIMM & BARRETT TRIANGLE									
CEDRUS ATLANTICA 'GLAUCA'	0	0	0	1	0	0	0	0	1
** Subtotal **	0	0	0	1	0	0	0	0	1
** PARK/FACILITY NAME - DOWNTOWN PLAZA PARK									
GLEDITSIA TRIANCANTHOS	3	14	0	0	0	0	0	0	17
SALIX BABYLONICA	0	0	0	0	2	1	0	0	3

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
MYOPORUM LAETUM	0	0	1	0	0	0	0	0	1
** Subtotal **	3	14	1	0	2	1	0	0	21
** PARK/FACILITY NAME - EASTSHORE PARK									
EUCALYPTUS GLOBULUS	0	0	20	14	30	15	5	0	84
ALNUS RHOMBIFOLIA	0	2	37	35	1	0	0	0	75
ACACIA MELANOXYLON	0	1	9	42	4	0	0	0	56
CUPRESSUS MACROCARPA	0	2	1	11	11	5	0	0	30
PINUS CANARIENSIS	3	11	12	2	0	0	0	0	28
PINUS RADIATA	0	0	3	3	7	3	4	0	20
CALOCEDRUS DECURRENS	0	6	6	6	0	0	0	0	18
MELALEUCA LINARIIFOLIA	0	1	10	4	0	0	0	0	15
PRUNUS CERASIFERA	0	13	0	0	0	0	0	0	13
PLATANUS ACERIFOLIA	0	0	0	4	3	0	0	0	7
SALIX BABYLONICA	0	0	0	1	3	0	0	0	4
MORUS ALBA	0	0	3	0	0	0	0	0	3
EUCALYPTUS SIDEROXYLON	0	0	0	2	0	0	0	0	2
OLEA EUROPAEA	0	0	2	0	0	0	0	0	2
QUERCUS AGRIFOLIA	0	0	0	1	1	0	0	0	2
LIGUSTRUM LUCIDUM	0	0	1	0	0	0	0	0	1
LIQUIDAMBAR STYRACIFLUA	1	0	0	0	0	0	0	0	1
MALUS SPP	1	0	0	0	0	0	0	0	1
MAYTENUS BOARIA	0	1	0	0	0	0	0	0	1
SALIX SPP	0	0	0	1	0	0	0	0	1
SEQUOIADENDRON GIGANTEUM	0	0	0	0	0	0	0	0	0
** Subtotal **	5	37	104	126	60	23	9	0	364
** PARK/FACILITY NAME - ELLIS PATHWAY									
EUCALYPTUS POLYANTHEMOS	0	0	1	3	0	0	0	0	4
PINUS CANARIENSIS	0	0	1	3	0	0	0	0	4

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
OLEA EUROPAEA	0	0	3	0	0	0	0	0	3
BETULA PENDULA	0	2	0	0	0	0	0	0	2
LIQUIDAMBAR STYRACIFLUA	0	2	0	0	0	0	0	0	2
QUERCUS ILEX	0	0	2	0	0	0	0	0	2
EUCALYPTUS GLOBULUS	0	0	0	1	0	0	0	0	1
QUERCUS AGRIFOLIA	0	1	0	0	0	0	0	0	1
ZELKOVA SERRATA	0	0	0	1	0	0	0	0	1
** Subtotal **	0	5	7	8	0	0	0	0	20
** PARK/FACILITY NAME - ELM PLAYLOT									
PLATANUS ACERIFOLIA	0	0	0	5	0	0	0	0	5
PITTIOSPORUM CRASSIFOLIUM	0	1	0	0	0	0	0	0	1
PRUNUS CERASIFERA	0	1	0	0	0	0	0	0	1
ULMUS PARVIFOLIA	0	0	1	0	0	0	0	0	1
** Subtotal **	0	2	1	5	0	0	0	0	8
** PARK/FACILITY NAME - ENTRANCE TO MARINA BAY									
EUCALYPTUS LEHMANNI	61	0	0	0	0	0	0	0	61
CUPRESSUS MACROCARPA	51	0	0	0	0	0	0	0	51
ALNUS RHOMBIFOLIA	23	0	0	0	0	0	0	0	23
** Subtotal **	135	0	0	0	0	0	0	0	135
** PARK/FACILITY NAME - FAIRMEADE PARK									
PINUS RADIATA	0	24	101	66	0	0	0	0	191
EUCALYPTUS GLOBULUS	6	0	20	42	46	7	3	0	124
CEDRUS DEODORA	0	0	5	0	0	0	0	0	5
PINUS MURICATA	0	1	0	0	0	0	0	0	1
PLATANUS ACERIFOLIA	0	1	0	0	0	0	0	0	1
SEQUOIADENDRON GIGANTEUM	0	0	1	0	0	0	0	0	1

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
EUCALYPTUS NICHOLLI	1	0	0	0	0	0	0	0	1
** Subtotal **	7	26	127	108	46	7	3	0	324
** PARK/FACILITY NAME - FALLON PATHWAY									
CRATAEGUS LAEVIGATA	0	1	0	0	0	0	0	0	1
ULMUS PARVIFOLIA	0	0	0	1	0	0	0	0	1
** Subtotal **	0	1	0	1	0	0	0	0	2
** PARK/FACILITY NAME - FAY PATHWAY									
ALNUS RHOMBIFOLIA	0	0	0	0	5	0	0	0	5
PINUS CANARIENSIS	0	0	4	1	0	0	0	0	5
** Subtotal **	0	0	4	1	5	0	0	0	10
** PARK/FACILITY NAME - FIFTH & VIRGINIA PLAYLOT									
PITTOSPORUM SPP.	5	3	0	0	0	0	0	0	8
PINUS RADIATA	0	0	1	4	2	0	0	0	7
SEQUOIA SEMPERVIRENS	0	0	3	1	0	0	0	0	4
EUCALYPTUS GLOBULUS	0	0	0	0	2	0	1	0	3
PRUNUS CERASIFERA	0	3	0	0	0	0	0	0	3
ACACIA MELANOXYLON	0	0	0	0	1	0	0	0	1
SCHINUS MOLLE	0	0	0	1	0	0	0	0	1
** Subtotal **	5	6	4	6	5	0	1	0	27
** PARK/FACILITY NAME - FIFTY-FIFTH & CREELY PLAYLOT									
AESCULUS CARNEA	0	0	2	0	0	0	0	0	2
** Subtotal **	0	0	2	0	0	0	0	0	2

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
** PARK/FACILITY NAME - HARBORMASTER PARKING LOT									
ALNUS RHOMBIFOLIA	0	40	114	0	0	0	0	0	154
FRAXINUS OXYCARPA 'RAYWOOD'	0	32	0	0	0	0	0	0	32
CUPRESSOCYPARIS LEYLANDII	1	9	12	0	0	0	0	0	22
POPULUS NIGRA 'ITALICA'	0	17	0	0	0	0	0	0	17
SALIX BABYLONICA	0	3	11	0	0	0	0	0	14
CASURINA STRICTA	0	7	0	0	0	0	0	0	7
METROSIDEROS TOMENTOSA	0	6	0	0	0	0	0	0	6
** Subtotal **	1	114	137	0	0	0	0	0	252
** PARK/FACILITY NAME - HARRISON MINI PARK									
EUCALYPTUS GLOBULUS	0	0	0	0	0	0	1	0	1
** Subtotal **	0	0	0	0	0	0	1	0	1
** PARK/FACILITY NAME - HENSLEY REST STOP									
PINUS THUNBERGII	0	1	0	0	0	0	0	0	1
** Subtotal **	0	1	0	0	0	0	0	0	1
** PARK/FACILITY NAME - HILLTOP GREEN PARK									
PINUS HALEPENSIS	0	0	58	0	0	0	0	0	58
EUCALYPTUS CAMALDULENSIS	1	4	11	18	1	0	0	0	35
PLATANUS ACERIFOLIA	0	25	4	0	0	0	0	0	29
PISTACIA CHINENSIS	4	2	0	0	0	0	0	0	6
SALIX BABYLONICA	0	0	2	2	0	0	0	0	4
SALIX SPP	0	2	2	0	0	0	0	0	4
** Subtotal **	5	33	77	20	1	0	0	0	136

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
** PARK/FACILITY NAME - HILLTOP PARK									
EUCALYPTUS POLYANTHEMOS	0	1	8	9	0	0	0	0	18
EUCALYPTUS LEHMANNI	0	10	6	0	0	0	0	0	16
PINUS HALEPENSIS	0	0	14	0	0	0	0	0	14
SALIX BABYLONICA	1	6	0	3	0	0	0	0	10
LIRIODENDRON TULIPIFERA	0	1	5	0	0	0	0	0	6
MYOPORUM LAETUM	0	3	2	0	0	0	0	0	5
ALNUS RHOMBIFOLIA	0	0	4	0	0	0	0	0	4
PITTOSPORUM SPP.	0	3	0	0	0	0	0	0	3
CUPRESSUS MACROCARPA	0	2	0	0	0	0	0	0	2
MAGNOLIA GRANDIFLORA	0	2	0	0	0	0	0	0	2
PRUNUS SPP	1	0	0	0	0	0	0	0	1
QUERCUS AGRIFOLIA	1	0	0	0	0	0	0	0	1
** Subtotal **	3	28	39	12	0	0	0	0	82
** PARK/FACILITY NAME - HILLTOP SHOPPING CENTER									
FRAXINUS UHDEI	0	355	0	0	0	0	0	0	355
EUCALYPTUS CAMALDULENSIS	0	216	0	0	0	0	0	0	216
ACACIA LONGIFOLIA	0	116	0	0	0	0	0	0	116
ALNUS RHOMBIFOLIA	0	0	93	0	0	0	0	0	93
ACACIA MELANOXYLON	0	84	0	0	0	0	0	0	84
POPULUS NIGRA 'ITALICA'	0	78	0	0	0	0	0	0	78
PLATANUS ACERIFOLIA	0	50	0	0	0	0	0	0	50
PINUS HALEPENSIS	0	0	49	0	0	0	0	0	49
LIRIODENDRON TULIPIFERA	0	45	0	0	0	0	0	0	45
PRUNUS CERASIFERA	0	45	0	0	0	0	0	0	45
PINUS MURICATA	0	41	0	0	0	0	0	0	41
CUPRESSOCYPARIS LEYLANDII	0	18	0	0	0	0	0	0	18
MYOPORUM LAETUM	0	15	0	0	0	0	0	0	15
PINUS RADIATA	0	7	0	0	0	0	0	0	7
EUCALYPTUS GLOBULUS	0	1	0	0	0	0	0	0	1

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
** Subtotal **	0	1071	142	0	0	0	0	0	1213
** PARK/FACILITY NAME - HUMPHREY PLAYLOT									
ULMUS PARVIFOLIA	0	0	0	0	1	0	0	0	1
** Subtotal **	0	0	0	0	1	0	0	0	1
** PARK/FACILITY NAME - HUNTINGTON PLAYLOT									
BETULA PENDULA	1	2	5	1	0	0	0	0	9
AESCULUS CARNEA	0	1	0	0	0	0	0	0	1
CHAMAECYPARIS LAWSONIANA	0	0	1	0	0	0	0	0	1
CORDYLINE AUSTRALIS	0	1	0	0	0	0	0	0	1
LIQUIDAMBAR STYRACIFLUA	0	1	0	0	0	0	0	0	1
QUERCUS AGRIFOLIA	0	0	0	0	1	0	0	0	1
** Subtotal **	1	5	6	1	1	0	0	0	14
** PARK/FACILITY NAME - JANICE PLAYLOT									
PHOENIX CANARIENSIS	0	0	0	0	0	3	0	0	3
** Subtotal **	0	0	0	0	0	3	0	0	3
** PARK/FACILITY NAME - JOHN F KENNEDY PARK									
PINUS RADIATA	0	11	15	1	6	5	6	0	44
BETULA PENDULA	0	9	6	0	0	0	0	0	15
ARBUTUS UNEDO	4	9	0	0	0	0	0	0	13
QUERCUS ILEX	1	3	8	0	0	0	0	0	12
ALNUS RHOMBIFOLIA	0	0	2	8	1	0	0	0	11
LIQUIDAMBAR STYRACIFLUA	1	5	2	0	0	0	0	0	8
QUERCUS AGRIFOLIA	0	0	6	2	0	0	0	0	8
AESCULUS CARNEA	0	3	4	0	0	0	0	0	7

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
OLEA EUROPAEA	0	1	4	0	0	0	0	0	5
PITTOSPORUM UNDULATUM	2	2	1	0	0	0	0	0	5
UNKNOWN SPECIES	0	1	4	0	0	0	0	0	5
MAYTENUS BOARIA	0	3	1	0	0	0	0	0	4
PRUNUS CERASIFERA	1	3	0	0	0	0	0	0	4
ACACIA LONGIFOLIA	0	0	3	0	0	0	0	0	3
CALOCEDRUS DECURRENS	1	0	0	0	0	0	0	0	1
EUCALYPTUS CAMALDULENSIS	0	0	0	0	1	0	0	0	1
MORUS ALBA	0	1	0	0	0	0	0	0	1
PRUNUS SPP	1	0	0	0	0	0	0	0	1
** Subtotal **	11	51	56	11	8	5	6	0	148
** PARK/FACILITY NAME - KERN PLAYLOT									
BETULA PENDULA	1	2	2	1	0	0	0	0	6
CUPRESSUS MACROCARPA	3	0	0	0	0	0	0	0	3
PRUNUS CERASIFERA	0	2	1	0	0	0	0	0	3
PITTOSPORUM TENUIFOLIUM	0	1	1	0	0	0	0	0	2
PRUNUS SPP	0	0	1	0	0	0	0	0	1
ULMUS AMERICANA	0	0	0	0	1	0	0	0	1
** Subtotal **	4	5	5	1	1	0	0	0	16
** PARK/FACILITY NAME - LAMOINE PARK									
CUPRESSUS MACROCARPA	75	0	0	0	0	0	0	0	75
POPULUS NIGRA 'ITALICA'	0	3	5	14	3	1	0	0	26
PINUS RADIATA	0	12	0	8	3	0	0	0	23
PLATANUS ACERIFOLIA	1	14	2	2	0	0	0	0	19
LIQUIDAMBAR STYRACIFLUA	7	0	7	0	0	0	0	0	14
PINUS RADIATA	0	0	1	12	1	0	0	0	14
PINUS PINEA	11	0	0	0	0	0	0	0	11
PRUNUS CERASIFERA	6	3	0	0	0	0	0	0	9

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
PINUS HALEPENSIS	0	7	1	0	0	0	0	0	8
SALIX BABYLONICA	2	4	0	0	0	0	0	0	6
SEQUOIA SEMPERVIRENS	0	0	3	3	0	0	0	0	6
PLATANUS ACERIFOLIA	0	0	0	6	0	0	0	0	6
ACER PLATANOIDES	0	1	4	0	0	0	0	0	5
ALNUS RHOMBIFOLIA	0	1	3	0	0	0	0	0	4
QUERCUS AGRIFOLIA	0	1	2	1	0	0	0	0	4
GLEDITISIA TRIANCANTHOS	1	2	0	0	0	0	0	0	3
MYOPORUM LAETUM	0	2	1	0	0	0	0	0	3
PRUNUS SPP	1	2	0	0	0	0	0	0	3
ALNUS RHOMBIFOLIA	0	0	0	2	1	0	0	0	3
CEDRUS DEODORA	1	0	0	0	0	0	0	0	1
LIGUSTRUM LUCIDUM	0	1	0	0	0	0	0	0	1
LIRIODENDRON TULIPIFERA	1	0	0	0	0	0	0	0	1
MORUS ALBA	0	1	0	0	0	0	0	0	1
POPULUS NIGRA 'ITALICA'	0	0	0	1	0	0	0	0	1
MAYTENUS BOARIA	0	0	1	0	0	0	0	0	1
** Subtotal **	106	54	30	49	8	1	0	0	248
** PARK/FACILITY NAME - LUCAS PARK									
PINUS RADIATA	0	0	6	7	0	0	0	0	13
PINUS CANARIENSIS	0	3	4	0	0	0	0	0	7
ULMUS PARVIFOLIA	0	0	0	4	0	0	0	0	4
PLATANUS ACERIFOLIA	0	3	0	0	0	0	0	0	3
ALNUS RHOMBIFOLIA	0	0	2	0	0	0	0	0	2
CRATAEGUS LAEVIGATA	2	0	0	0	0	0	0	0	2
LIQUIDAMBAR STYRACIFLUA	2	0	0	0	0	0	0	0	2
PRUNUS CERASIFERA	1	1	0	0	0	0	0	0	2
CINNAMOMUM CAMPHORA	0	0	1	0	0	0	0	0	1
** Subtotal **	5	7	13	11	0	0	0	0	36

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
** PARK/FACILITY NAME - MARINA BAY BOAT HOUSE									
PLATANUS ACERIFOLIA	0	24	0	0	0	0	0	0	24
PINUS HALEPENSIS	7	0	0	0	0	0	0	0	7
CUPRESSUS ARIZONICA	0	6	0	0	0	0	0	0	6
** Subtotal **	7	30	0	0	0	0	0	0	37
** PARK/FACILITY NAME - MARINA BAY DEVELOPMENTS									
CUPRESSUS MACROCARPA	0	101	0	0	0	0	0	0	101
EUCALYPTUS CAMALDULENSIS	0	48	0	0	0	0	0	0	48
ACACIA MELANOXYLON	0	6	0	0	0	0	0	0	6
ALNUS RHOMBIFOLIA	1	0	0	0	0	0	0	0	1
** Subtotal **	1	155	0	0	0	0	0	0	156
** PARK/FACILITY NAME - MARINA BAY DEVELOPMENTS									
CUPRESSUS MACROCARPA	6	0	0	0	0	0	0	0	6
ALNUS RHOMBIFOLIA	5	0	0	0	0	0	0	0	5
EUCALYPTUS LEHMANNI	3	0	0	0	0	0	0	0	3
** Subtotal **	14	0	0	0	0	0	0	0	14
** PARK/FACILITY NAME - MARINA BAY PARKWAY									
CUPRESSUS MACROCARPA	121	0	0	0	0	0	0	0	121
CUPRESSUS MACROCARPA	114	0	0	0	0	0	0	0	114
EUCALYPTUS LEHMANNI	33	0	0	0	0	0	0	0	33
EUCALYPTUS LEHMANNI	32	0	0	0	0	0	0	0	32
ACACIA MELANOXYLON	29	0	0	0	0	0	0	0	29
ACACIA MELANOXYLON	23	0	0	0	0	0	0	0	23
ACACIA MELANOXYLON	15	0	0	0	0	0	0	0	15

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
** Subtotal **	367	0	0	0	0	0	0	0	367
** PARK/FACILITY NAME - MARINA PARK & GREEN									
CUPRESSOCYPARIS LEYLANDII	0	0	147	0	0	0	0	0	147
FRAXINUS OXYCARPA 'RAYWOOD'	86	0	0	0	0	0	0	0	86
ALNUS RHOMBIFOLIA	28	14	11	0	0	0	0	0	53
PRUNUS CERASIFERA	31	0	0	0	0	0	0	0	31
CUPRESSUS ARIZONICA	8	0	0	0	0	0	0	0	8
CASURINA STRICTA	7	0	0	0	0	0	0	0	7
PINUS RADIATA	4	0	0	0	0	0	0	0	4
PINUS PINEA	1	0	0	0	0	0	0	0	1
** Subtotal **	165	14	158	0	0	0	0	0	337
** PARK/FACILITY NAME - MARTIN LUTHER KING PARK									
PLATANUS ACERIFOLIA	0	1	13	1	13	0	0	0	28
PINUS RADIATA	0	0	0	5	5	0	0	0	10
EUCALYPTUS RUDIS	0	0	0	6	2	1	0	0	9
QUERCUS SUBER	0	0	0	0	7	0	0	0	7
ULMUS PARVIFOLIA	0	1	3	3	0	0	0	0	7
POPULUS SPP	0	0	0	0	4	1	0	0	5
ACACIA MELANOXYLON	0	0	0	1	3	0	0	0	4
ZELKOVA SERRATA	0	0	4	0	0	0	0	0	4
QUERCUS ILEX	0	2	0	0	0	0	0	0	2
SALIX BABYLONICA	0	0	0	0	2	0	0	0	2
CRINODENDRON PATAGUA	0	0	0	1	0	0	0	0	1
CUPRESSUS MACROCARPA	0	0	0	0	0	1	0	0	1
MYOPORUM LAETUM	0	0	1	0	0	0	0	0	1
QUERCUS RUBRA	0	1	0	0	0	0	0	0	1
** Subtotal **	0	5	21	17	36	3	0	0	82

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
** PARK/FACILITY NAME - MENDOCINO PLAYLOT									
ULMUS PARVIFOLIA	0	0	0	8	2	0	0	0	10
** Subtotal **	0	0	0	8	2	0	0	0	10
** PARK/FACILITY NAME - MIRA VISTA PARK									
PINUS RADIATA	0	3	5	4	0	2	0	0	14
PRUNUS CAROLINIANA	3	10	1	0	0	0	0	0	14
SEQUOIA SEMPERVIRENS	1	10	3	0	0	0	0	0	14
QUERCUS AGRIFOLIA	1	7	4	0	1	0	0	0	13
ULMUS PROCERA	0	0	1	8	0	0	0	0	9
ACACIA LONGIFOLIA	0	8	0	0	0	0	0	0	8
ACACIA MELANOXYLON	2	3	2	0	0	0	0	0	7
MELIA AZERDARACH	0	5	0	0	0	0	0	0	5
CEDRUS DEODORA	0	1	1	2	0	0	0	0	4
PHOTINIA FRASERI	0	1	3	0	0	0	0	0	4
PINUS HALEPENSIS	0	0	0	1	3	0	0	0	4
ALNUS RHOMBIFOLIA	0	2	0	1	0	0	0	0	3
SEQUOIADENDRON GIGANTEUM	0	0	1	2	0	0	0	0	3
ARBUTUS UNEDO	2	0	0	0	0	0	0	0	2
CUPRESSOCYPARIS LEYLANDII	2	0	0	0	0	0	0	0	2
PHOENIX CANARIENSIS	1	1	0	0	0	0	0	0	2
PITTOSPORUM UNDULATUM	0	2	0	0	0	0	0	0	2
SALIX BABYLONICA	0	0	0	1	0	1	0	0	2
SALIX SPP	0	0	0	0	2	0	0	0	2
ARECASTRUM ROMANZOFFIANUM	1	0	0	0	0	0	0	0	1
CINNAMOMUM CAMPHORA	0	1	0	0	0	0	0	0	1
CRATAEGUS LAEVIGATA	0	1	0	0	0	0	0	0	1
CRATEAGUS SPP	0	1	0	0	0	0	0	0	1
ILEX SPP	1	0	0	0	0	0	0	0	1
JUGLANS HINDSII	0	0	0	1	0	0	0	0	1

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
LAURUS NOBILIS	0	0	1	0	0	0	0	0	1
PINUS CANARIENSIS	0	0	0	0	1	0	0	0	1
PINUS PINEA	0	0	0	0	1	0	0	0	1
PITTOSPORUM SPP.	0	1	0	0	0	0	0	0	1
PICEA SPP	1	0	0	0	0	0	0	0	1
PYRACANTHA SPP	0	0	1	0	0	0	0	0	1
** Subtotal **	15	57	23	20	8	3	0	0	126
** PARK/FACILITY NAME - MONTEREY PLAYLOT									
ULMUS PARVIFOLIA	0	0	0	9	0	0	0	0	9
** Subtotal **	0	0	0	9	0	0	0	0	9
** PARK/FACILITY NAME - N. SIDE BART/BARRETT UNDERPASS									
PINUS CANARIENSIS	0	1	6	2	0	0	0	0	9
PRUNUS SPP	5	0	0	0	0	0	0	0	5
** Subtotal **	5	1	6	2	0	0	0	0	14
** PARK/FACILITY NAME - NEVIN CENTER PARK/LIBRARY									
PINUS RADIATA	2	8	27	0	0	0	0	0	37
ALNUS CORDATA	1	5	4	0	0	0	0	0	10
FICUS NITIDA	6	0	0	0	0	0	0	0	6
PLATANUS ACERIFOLIA	6	0	0	0	0	0	0	0	6
LIQUIDAMBAR STYRACIFLUA	0	3	0	2	0	0	0	0	5
PRUNUS CERASIFERA	4	0	0	0	0	0	0	0	4
EUCALYPTUS SIDEROXYLON	0	1	1	0	0	0	0	0	2
MAGNOLIA GRANDIFLORA	2	0	0	0	0	0	0	0	2
MYOPORUM LAETUM	0	2	0	0	0	0	0	0	2
ACER SACCHARINUM	0	0	0	0	0	0	0	1	1
FRAXINUS UHDEI	0	0	1	0	0	0	0	0	1

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
LIRIODENDRON TULIPIFERA	0	1	0	0	0	0	0	0	1
PHOENIX CANARIENSIS	0	0	0	0	0	1	0	0	1
** Subtotal **	21	20	33	2	0	1	0	1	78
** PARK/FACILITY NAME - NEVIN PLAZA									
PLATANUS ACERIFOLIA	3	17	0	0	0	0	0	0	20
** Subtotal **	3	17	0	0	0	0	0	0	20
** PARK/FACILITY NAME - NICHOLL PARK									
PITTOSPORUM UNDULATUM	0	8	12	6	0	0	0	0	26
EUCALYPTUS GLOBULUS	0	0	0	5	6	4	6	0	21
EUCALYPTUS SPP	0	0	0	3	9	4	1	0	17
BETULA PENDULA	0	2	12	1	0	0	0	0	15
MAGNOLIA GRANDIFLORA	0	0	6	9	0	0	0	0	15
PINUS RADIATA	0	0	0	3	8	2	2	0	15
LIQUIDAMBAR STYRACIFLUA	1	5	3	0	0	0	0	0	9
PLATANUS ACERIFOLIA	0	0	0	8	1	0	0	0	9
PINUS CANARIENSIS	0	0	1	1	2	0	3	0	7
PITTOSPORUM SPP.	0	0	3	2	2	0	0	0	7
QUERCUS AGRIFOLIA	0	1	2	0	4	0	0	0	7
PERSEA BORBONIA	0	0	1	5	0	0	0	0	6
PINUS PINNASTER	0	0	0	4	1	1	0	0	6
UNKNOWN SPECIES	0	1	1	2	1	1	0	0	6
PINUS PINEA	0	0	0	0	4	1	0	0	5
SALIX BABYLONICA	0	0	0	3	0	1	0	0	4
SEQUOIA SEMPERVIRENS	0	0	2	1	1	0	0	0	4
CINNAMOMUM CAMPHORA	0	0	0	4	0	0	0	0	4
EUCALYPTUS VIMINALIS	0	0	0	0	0	1	3	0	4
LAURUS NOBILIS	1	0	2	1	0	0	0	0	4
JUNIPERUS CHINENSIS	0	2	1	0	0	0	0	0	3

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
LIRIODENDRON TULIPIFERA	0	1	2	0	0	0	0	0	3
SEQUOIA DENDRON GIGANTEUM	0	0	0	0	1	1	1	0	3
PISTACIA CHINENSIS	0	1	2	0	0	0	0	0	3
AESCULUS CARNEA	0	1	1	0	0	0	0	0	2
CRATAEGUS LAEVIGATA	0	1	1	0	0	0	0	0	2
ILEX SPP	0	1	1	0	0	0	0	0	2
MORUS ALBA	0	0	2	0	0	0	0	0	2
QUERCUS SUBER	0	0	0	1	0	1	0	0	2
SCHINUS TEREBINTHIFOLIUS	0	0	1	1	0	0	0	0	2
ULMUS PARVIFOLIA	0	0	0	1	1	0	0	0	2
ZELKOVA SERRATA	0	0	0	2	0	0	0	0	2
CEDRUS DEODORA	0	0	1	1	0	0	0	0	2
TILIA CORDATA	0	0	1	1	0	0	0	0	2
CASURINA STRICTA	0	0	0	0	1	0	0	0	1
CEDRUS ATLANTICA 'GLAUCA'	1	0	0	0	0	0	0	0	1
GINKGO BILOBA	0	1	0	0	0	0	0	0	1
MAYTENUS BOARIA	0	0	0	0	1	0	0	0	1
PHOTINIA FRASERI	0	1	0	0	0	0	0	0	1
PRUNUS CAROLINIANA	0	0	0	1	0	0	0	0	1
CRATEAGUS LAVELLEI	0	1	0	0	0	0	0	0	1
EUCALYPTUS SIDEROXYLON	0	0	0	1	0	0	0	0	1
MELALEUCA QUENQUENERVIA	0	0	0	1	0	0	0	0	1
QUERCUS RUBRA	0	0	0	1	0	0	0	0	1
QUILLAJA SAPONARIA	0	0	1	0	0	0	0	0	1
POPULUS NIGRA 'ITALICA'	0	0	0	0	0	0	0	0	0
** Subtotal **	3	27	59	69	43	17	16	0	234
** PARK/FACILITY NAME - OVEREND PATHWAY									
QUERCUS ILEX	0	0	3	3	0	0	0	0	6
** Subtotal **	0	0	3	3	0	0	0	0	6

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
** PARK/FACILITY NAME - PARCHESTER PARK									
MYOPORUM LAETUM	0	0	26	0	0	0	0	0	26
ALNUS RHOMBIFOLIA	0	3	8	0	0	0	0	0	11
PINUS RADIATA	0	1	1	2	1	0	0	0	5
ULMUS PARVIFOLIA	0	1	2	0	0	0	0	0	3
EUCALYPTUS LEHMANNI	0	0	2	0	0	0	0	0	2
METROSIDEROS TOMENTOSA	0	2	0	0	0	0	0	0	2
** Subtotal **	0	7	39	2	1	0	0	0	49
** PARK/FACILITY NAME - PLAZA CIRCLE PARK									
ALNUS RHOMBIFOLIA	0	0	8	0	0	0	0	0	8
CALLISTEMON CITRINUS	0	3	0	0	0	0	0	0	3
LIRIODENDRON TULIPIFERA	0	2	0	0	0	0	0	0	2
MAYTENUS BOARIA	0	1	0	0	0	0	0	0	1
PINUS CANARIENSIS	0	1	0	0	0	0	0	0	1
ZELKOVA SERRATA	0	0	1	0	0	0	0	0	1
PICEA SPP	1	0	0	0	0	0	0	0	1
** Subtotal **	1	7	9	0	0	0	0	0	17
** PARK/FACILITY NAME - PLAZA ONE PARK									
CUPRESSUS MACROCARPA	0	0	0	4	12	6	0	0	22
ALNUS RHOMBIFOLIA	0	0	4	6	0	0	0	0	10
EUCALYPTUS SIDEROXYLON	0	0	0	4	0	0	0	0	4
** Subtotal **	0	0	4	14	12	6	0	0	36
** PARK/FACILITY NAME - POINT MOLATE BEACH PARK									
CUPRESSUS MACROCARPA	8	0	2	11	2	1	0	0	24
PINUS RADIATA	11	1	4	4	0	0	0	0	20

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
POPULUS NIGRA 'ITALICA'	0	0	5	0	0	0	0	0	5
SALIX SPP	0	1	2	1	1	0	0	0	5
CASURINA STRICTA	0	0	2	0	0	0	0	0	2
SALIX BABYLONICA	2	0	0	0	0	0	0	0	2
PITTOSPORUM UNDULATUM	1	0	0	0	0	0	0	0	1
** Subtotal **	22	2	15	16	3	1	0	0	59
** PARK/FACILITY NAME - PORTOLA LANDSCAPING (EAST)									
ACACIA MELANOXYLON	1	0	0	0	0	0	0	0	1
EUCALYPTUS SPP	0	0	0	1	0	0	0	0	1
PINUS CANARIENSIS	0	0	1	0	0	0	0	0	1
PINUS RADIATA	0	0	0	0	1	0	0	0	1
** Subtotal **	1	0	1	1	1	0	0	0	4
** PARK/FACILITY NAME - PORTOLA LANDSCAPING (WEST)									
PINUS CANARIENSIS	0	3	3	0	0	0	0	0	6
PINUS RADIATA	0	0	5	0	0	0	0	0	5
** Subtotal **	0	3	8	0	0	0	0	0	11
** PARK/FACILITY NAME - PT. RICHMOND COMM CENTER									
METROSIDEROS TOMENTOSA	0	0	1	1	0	0	0	0	2
BETULA PENDULA	0	1	0	0	0	0	0	0	1
CEDRUS ATLANTICA 'GLAUCA'	0	0	0	1	0	0	0	0	1
CEDRUS DEODORA	0	0	1	0	0	0	0	0	1
EUCALYPTUS SIDEROXYLON	0	0	0	1	0	0	0	0	1
JUNIPERUS CHINENSIS	0	0	1	0	0	0	0	0	1
PRUNUS SPP	0	0	1	0	0	0	0	0	1
** Subtotal **	0	1	4	3	0	0	0	0	8

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
** PARK/FACILITY NAME - RAINCLOUD PARK									
PINUS CANARIENSIS	0	11	0	0	0	0	0	0	11
PINUS HALEPENSIS	0	9	0	0	0	0	0	0	9
EUCALYPTUS POLYANTHEMOS	0	0	4	0	0	0	0	0	4
PLATANUS ACERIFOLIA	0	3	0	0	0	0	0	0	3
ACACIA BAILEYANA	1	0	0	0	0	0	0	0	1
** Subtotal **	1	23	4	0	0	0	0	0	28
** PARK/FACILITY NAME - RICHMOND CIVIC CENTER									
LIRIODENDRON TULIPIFERA	2	2	11	10	5	0	0	0	30
AESCULUS CARNEA	0	13	12	0	0	0	0	0	25
PLATANUS ACERIFOLIA	0	0	14	0	0	0	0	0	14
LIQUIDAMBAR STYRACIFLUA	1	6	1	0	0	0	0	0	8
MAGNOLIA GRANDIFLORA	1	0	3	4	0	0	0	0	8
MORUS ALBA	0	0	3	5	0	0	0	0	8
EUCALYPTUS POLYANTHEMOS	0	0	1	5	1	0	0	0	7
CINNAMOMUM CAMPHORA	0	0	4	2	0	0	0	0	6
PHOTINIA FRASERI	0	5	0	0	0	0	0	0	5
PRUNUS SPP	5	0	0	0	0	0	0	0	5
CRATAEGUS LAEVIGATA	0	3	0	0	0	0	0	0	3
OLEA EUROPAEA	0	1	2	0	0	0	0	0	3
ULMUS PARVIFOLIA	0	1	1	1	0	0	0	0	3
BETULA PENDULA	0	2	0	0	0	0	0	0	2
CASURINA STRICTA	0	0	0	2	0	0	0	0	2
CRATAEGUS PHAENOPYRUM	2	0	0	0	0	0	0	0	2
CRATEAGUS LAVELLEI	0	2	0	0	0	0	0	0	2
FICUS NITIDA	0	0	1	0	0	0	0	0	1
GINKGO BILOBA	0	0	1	0	0	0	0	0	1
MAGNOLIA SOULANGIANA	1	0	0	0	0	0	0	0	1
PYRUS KAWAKAMII	1	0	0	0	0	0	0	0	1

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
QUERCUS ILEX	0	0	1	0	0	0	0	0	1
** Subtotal **	13	35	55	29	6	0	0	0	138
** PARK/FACILITY NAME - RICHMOND PLUNGE									
SYZYGUIM PANICULATUM	0	0	2	0	0	0	0	0	2
MYOPORUM LAETUM	0	0	0	1	0	0	0	0	1
** Subtotal **	0	0	2	1	0	0	0	0	3
** PARK/FACILITY NAME - S. SIDE BART/BARRET UNDERPASS									
PINUS CANARIENSIS	0	3	12	0	0	0	0	0	15
PRUNUS SPP	2	0	0	0	0	0	0	0	2
** Subtotal **	2	3	12	0	0	0	0	0	17
** PARK/FACILITY NAME - S. SIDE PENN./BART PASS									
PINUS RADIATA	1	3	5	1	0	0	0	0	10
PINUS CANARIENSIS	0	0	3	0	0	0	0	0	3
** Subtotal **	1	3	8	1	0	0	0	0	13
** PARK/FACILITY NAME - SCHOOL PATHWAY									
MALUS SPP	0	1	0	0	0	0	0	0	1
** Subtotal **	0	1	0	0	0	0	0	0	1
** PARK/FACILITY NAME - SHIELD-REID PARK									
PINUS RADIATA	0	1	6	26	0	0	0	0	33
ULMUS PARVIFOLIA	0	8	2	0	0	0	0	0	10
PLATANUS ACERIFOLIA	2	3	1	0	0	0	0	0	6
MYOPORUM LAETUM	2	1	1	0	0	0	0	0	4

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
LIGUSTRUM LUCIDUM	1	0	0	0	0	0	0	0	1
PINUS THUNBERGII	0	1	0	0	0	0	0	0	1
** Subtotal **	5	14	10	26	0	0	0	0	55
** PARK/FACILITY NAME - SOLANO PLAYLOT									
MORUS ALBA	0	0	7	0	0	0	0	0	7
ACACIA MELANOXYLON	0	0	0	0	1	0	0	0	1
** Subtotal **	0	0	7	0	1	0	0	0	8
** PARK/FACILITY NAME - TAFT PATHWAY									
PHOTINIA FRASERI	1	0	0	0	0	0	0	0	1
QUERCUS ILEX	0	1	0	0	0	0	0	0	1
** Subtotal **	1	1	0	0	0	0	0	0	2
** PARK/FACILITY NAME - TILLER PARK									
MYOPORUM LAETUM	0	9	0	0	0	0	0	0	9
CUPRESSOCYPARIS LEYLANDII	7	0	0	0	0	0	0	0	7
PHOTINIA FRASERI	5	2	0	0	0	0	0	0	7
PINUS RADIATA	0	0	4	3	0	0	0	0	7
FRAXINUS OXYCARPA 'RAYWOOD'	0	0	0	3	2	0	0	0	5
QUERCUS AGRIFOLIA	0	0	3	1	0	0	0	0	4
CELTIS AUSTRALIS	0	0	2	1	0	0	0	0	3
MALUS SPP	2	1	0	0	0	0	0	0	3
OLEA EUROPAEA	0	0	3	0	0	0	0	0	3
PRUNUS CERASIFERA	3	0	0	0	0	0	0	0	3
CRATEAGUS LAVELLEI	1	1	0	0	0	0	0	0	2
EUCALYPTUS GLOBULUS	0	0	0	2	0	0	0	0	2
PRUNUS SPP	0	2	0	0	0	0	0	0	2
SYZYGUIM PANICULATUM	1	1	0	0	0	0	0	0	2

CITY OF RICHMOND
PARK AND FACILITY TREE INVENTORY LISTING

SPECIES	DBH3	DBH6	DBH12	DBH18	DBH24	DBH30	DBH36	DBH42	TOTAL
TRACHYCARPUS FORTUNEI	0	0	2	0	0	0	0	0	2
BETULA PENDULA	0	0	1	0	0	0	0	0	1
CINNAMOMUM CAMPHORA	0	1	0	0	0	0	0	0	1
CRATAEGUS LAEVIGATA	1	0	0	0	0	0	0	0	1
** Subtotal **	20	17	15	10	2	0	0	0	64
** PARK/FACILITY NAME - VIRGINIA PLAYLOT									
MAYTENUS BOARIA	0	3	0	0	0	0	0	0	3
** Subtotal **	0	3	0	0	0	0	0	0	3
** PARK/FACILITY NAME - WALL PATHWAY									
QUERCUS ILEX	0	2	3	1	0	0	0	0	6
QUERCUS AGRIFOLIA	0	1	0	0	0	0	0	0	1
SEQUOIA SEMPERVIRENS	0	0	0	0	0	1	0	0	1
** Subtotal **	0	3	3	1	0	1	0	0	8
** PARK/FACILITY NAME - WASHINGTON PARK									
LIRIODENDRON TULIPIFERA	0	1	2	2	1	0	0	0	6
SEQUOIA SEMPERVIRENS	0	0	0	0	3	2	0	0	5
PINUS RADIATA	0	0	0	0	0	3	1	0	4
CINNAMOMUM CAMPHORA	0	0	0	0	1	0	0	0	1
LIQUIDAMBAR STYRACIFLUA	0	0	1	0	0	0	0	0	1
QUERCUS SUBER	0	0	0	0	0	0	1	0	1
ZELKOVA SERRATA	0	0	0	1	0	0	0	0	1
** Subtotal **	0	1	3	3	5	5	2	0	19
*** Total ***	984	1996	1399	742	309	80	41	1	5552

APPENDIX I

City of Richmond
Urban Forestry Management/Master Plan
Summer 1989

Thomas J. Pehrson
Urban Forestry Consultants

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Parks Leadworker
City of Clovis
716 Temperance
Clovis CA 93612
209-297-1939

ARB#363 TW#
Howard Yamamoto
Park Maintenance Superintende
Dublin/San Ramon Serv. Dist.
7051 Dublin Blvd.
Dublin CA 94568

ARB#130 TW#
Dennis Yniguez
Consultant
Arborist
1426 Spruce Street
Berkeley CA 94709
415-540-0491

ARB#131 TW#
Torrey Young
President
Treescapes, Inc.
P.O. Box 13141
Oakland CA 94661
415-339-1484

WESTERN CHAPTER ISA
CERTIFIED TREE WORKERS
BY GEOGRAPHIC REGION

EAST BAY/ C.C.C.

ARB# TW#122
George Alvarez
Foreman
Able Tree Surgeons
396 Park Avenue #3
San Jose CA 95110
408-293-1233

ARB# TW#178
Stephen Andrews
Owner
Arbor Plus
P.O. Box 23515
Pleasant Hill CA 94523
415-930-TREE

ARB# TW#169
Andrew Arias
Tree Worker
Treescapes Inc.
37 Homeglen Lane
Oakland CA 94611
415-339-1484

ARB#232 TW#152
Tim Brooke
Owner
Nature's Choice Tree Srv.
1004 El Caminito
Livermore CA 94550
415-443-0572

ARB# TW#113
Steven Jarrell
Tree Worker
Self
1606 Merian Drive
Pleasant Hill CA 94523
415-680-4243

ARB# TW#127
Edward Milano
Tree Worker
Newt's Wood Wagon
169 Front Street
Danville CA 94526
415-820-2845

ARB#326 TW#108
Bruce Pennington
Owner
Fairweather Gardening
1920 Alvarado Avenue
Walnut Creek CA 94596
415-933-5035

ARB# TW#154
George Pichel
Area Supervisor
Arbor Care
825 Maybury
San Jose CA 95133
408-288-5814

ARB# TW#189
Betsy Reeves
Tree Trimmer
City of Berkeley
1235 Bancroft
Berkeley CA 94710
415-644-6566

ARB# TW#153
Philip Schanzle
City/Co. of San Francisco

WESTERN CHAPTER ISA
CERTIFIED TREE WORKERS
BY GEOGRAPHIC REGION

EAST BAY/ C.C.C.

ARB# TW#155
Moki Smith
Foreman
Arbor Care
825 Maybury Road
San Jose CA 95133
408-288-9770

ARB# TW#188
Robert Zahn
Tree Worker
City of Oakland
7201 Edgewater
Oakland CA 94621

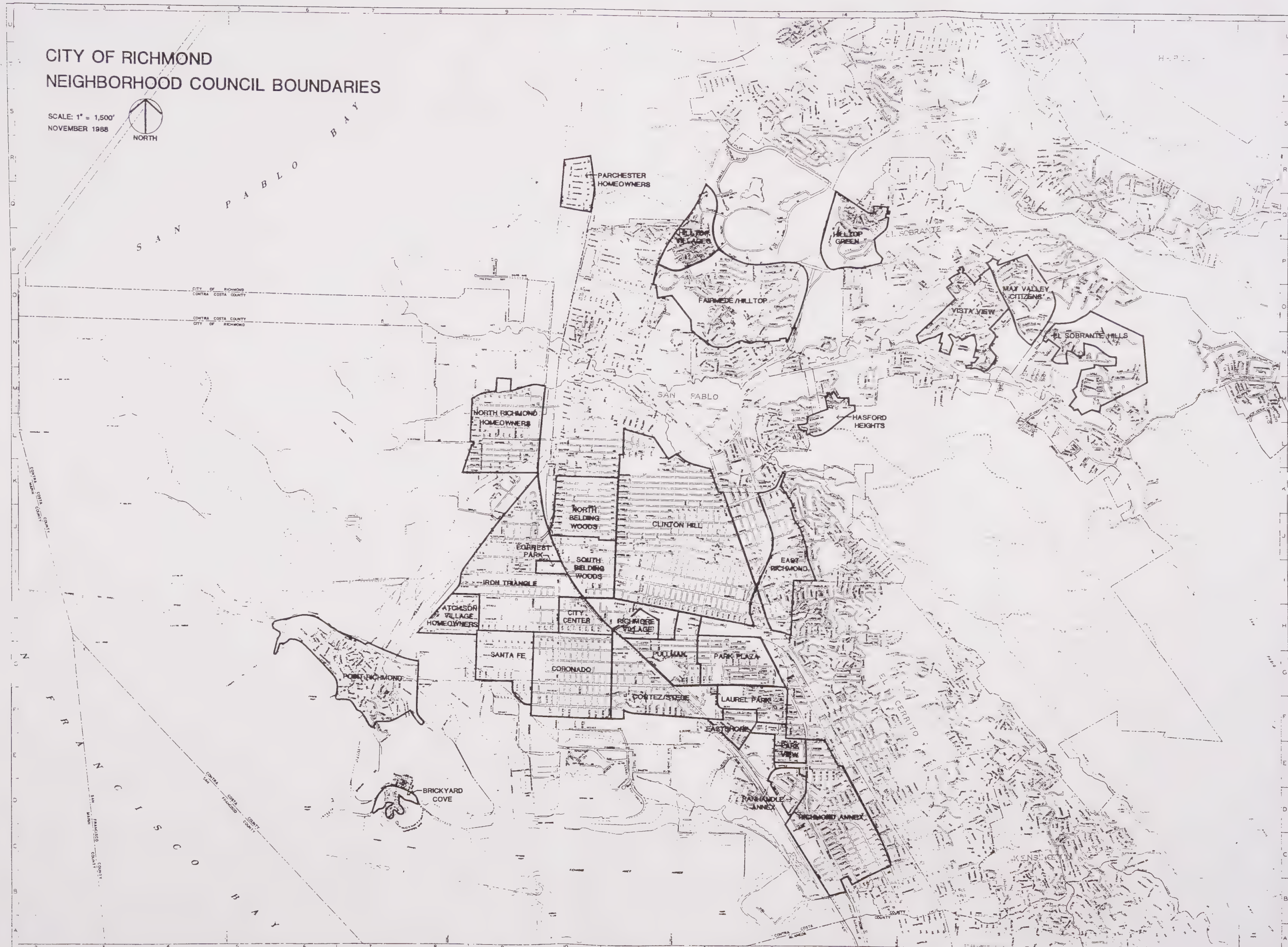
APPENDIX J

**City of Richmond
Urban Forestry Management/Master Plan
Summer 1989**

**Thomas J. Pehrson
Urban Forestry Consultants**

CITY OF RICHMOND NEIGHBORHOOD COUNCIL BOUNDARIES

SCALE: 1" = 1,500'
NOVEMBER 1988



APPENDIX K

**City of Richmond
Urban Forestry Management/Master Plan
Summer 1989**

**Thomas J. Pehrson
Urban Forestry Consultants**

Chapter 10.08

TRIMMING, PRUNING, CARE, PLANTING, REMOVAL AND MOVING OF TREES, SHRUBS OR PLANTS

Sections:

- 10.08.010 Superintendent defined.
- 10.08.020 Duty of superintendent.
- 10.08.030 Permit from superintendent.
- 10.08.040 Abutting property owners may file request for removal of trees, shrubs, etc.—Agreement to pay cost thereof.
- 10.08.050 Interference with superintendent prohibited.
- 10.08.060 Actions damaging roots prohibited.
- 10.08.070 Permission required for attachments to trees, etc.
- 10.08.080 Protecting trees, etc. during building construction.
- 10.08.090 Building construction or removal necessitating trimming, pruning, etc.—Application for permit.
- 10.08.100 Moving of buildings—Procedure for protection of trees.
- 10.08.110 Trees, etc. constituting hazard or impediment to travel—Inspection, removal.
- 10.08.120 Damage to private property, etc.

10.08.010 Superintendent defined.

As used in this chapter SUPERINTENDENT shall mean the Recreation and Parks Director of the City of Richmond or any of his authorized deputies.

(Amended by Ordinance No. 80 N.S.)

10.08.020 Duty of superintendent.

It shall be the duty of the Superintendent to plant, trim, prune and care for all trees, shrubs or plants in and upon any street, park, pleasure ground, boulevard, alley or public place of the City of Richmond. The Superintendent may charge a reasonable planting fee for each individual tree when said tree is planted at the request of any property owner or person responsible for

care of said property, abutting upon any street, park, pleasure ground, boulevard, alley or public place of said city; to designate the kind of trees, shrubs or plants to be planted upon any street, park, pleasure ground, boulevard, alley, or public place of said City; provided, however, that the owners of property fronting on any street, alley or public place may petition the City Council of said City that such trees, shrubs or plants shall be a certain kind or variety, but such petition shall be merely advisory to the action of said Council. (Amended by Ordinance No. 80 N.S.)

10.08.030 Permit from superintendent.

No person shall cut, trim, prune, plant, remove, injure or interfere with any tree, shrub or plant upon any street, park, pleasure ground, boulevard, alley or public place of the City of Richmond without a permit therefor from the Superintendent and the Superintendent is hereby authorized to grant such permission in his discretion but no such permit shall be valid for a longer period than thirty days after its date of issuance.

10.08.040 Abutting property owners may file request for removal of trees, shrubs, etc.—Agreement to pay cost thereof.

Any person maintaining any overhead wires or any pipes or under ground conduits along or across any street, park, pleasure ground, boulevard, alley or public place of the City of Richmond, or owning any property abutting upon any street, park, pleasure ground, boulevard, alley or public place of said city, desiring to have any tree, shrub or plant, cut, trimmed, pruned or removed may file with the Superintendent a written request that such work be done and such request shall describe the work desired to be done and it shall be within the discretion of the Superintendent to require a written agreement upon the part of the petitioner to pay the cost thereof and to do such work in the way stipulated by the Superintendent before the issuance of any permit hereunder.

10.08.050 Interference with superintendent prohibited.

No person shall interfere with the Superintendent or persons acting under his authority while engaged in planting, mulching, pruning, trimming, spraying, treating or removing any tree, shrub or plant in any park, street, pleasure

ground, boulevard, alley or public place of the City of Richmond, or in the removing of any stone, cement or other substance from about the trunk of any tree, shrub or plant in any such street, park, pleasure ground, boulevard, alley or public place.

10.08.060 Actions damaging roots prohibited.

No person shall cause, authorize or procure any brine water, oil, liquid dye or other substance deliterious to tree life, to lie, leak, pour, flow or drip upon or into the soil about the base of any tree, shrub, or plant in any street, park, pleasure ground, boulevard, alley or public place of the City of Richmond or into any sidewalk, road, or pavement within said City of Richmond at a point from which such substance may be lying upon or by flowing, dripping or seeping into such soil injure such tree, shrub or plant. No person without the approval of the Superintendent shall place or maintain any stone, cement or other substance so that it shall impede the free access of water or air to the roots of any tree, shrub or plant in any street, park, pleasure ground, boulevard, alley or public place of the City of Richmond.

10.08.070 Permission required for attachments to trees, etc.

No person without the permission of the Recreation and Parks Director of the City of Richmond shall attach or keep attached to any tree, shrub or plant in any street, park, pleasure ground, boulevard, alley or other public place in the City of Richmond or to the guard or stake intended for the protection thereof, any wire, rope, sign or any other device whatsoever.

10.08.080 Protecting trees, etc. during building construction.

During the erection, repair, alteration or removal of any building, house or structure in the City of Richmond, no person in charge of such work shall leave any tree, shrub or plant in any street, park, pleasure ground, boulevard, alley or public place of the City of Richmond in the vicinity of such building or structure without such good and sufficient guards or protectors as shall prevent injury to said tree, shrub or plant arising out of or by reason of said erection, repair, alteration or removal.

10.08.090 Building construction or removal necessitating trimming, pruning, etc.—Application for permit.

When the erection, repair, alteration or removal of any building, house or structure necessitates the trimming, pruning or removal of any tree, shrub or plant on any street, park, pleasure ground, alley or other public place of the City of Richmond, except any trimming, pruning or removal required by the construction of a residential driveway, it shall be within the discretion of the Superintendent to refuse permission to do such work. Applications for a permit to trim, prune or remove any tree or plant on any of the above mentioned places for the above mentioned reasons shall be filed with the Superintendent at least three days prior to the time of doing such work. The Superintendent may stipulate the conditions upon which any trimming, pruning or removal may be done and may require the applicant to enter into an agreement whereby said applicant shall agree to pay all costs incurred for any inspection, labor, equipment or service deemed necessary by the Superintendent.

10.08.100 Moving of buildings—Procedure for protection of trees, etc.

No person shall move any building, house or portion thereof without notifying the Superintendent at least three days in advance of such moving. Said notice shall designate the route to be followed and all other details pertinent to such work. The Superintendent shall have the authority to change such route and designate one which in his opinion will cause less damage to trees, shrubs or plants owned by the City of Richmond along and adjacent to the said route. If necessary to protect such trees, shrubs or plants the Superintendent may require that said house, building or portions thereof be cut into segments small enough to fit the available width between such trees, shrubs or plants along the designated route. As a condition to approving any route for the moving of any building, house or portion thereof, the Superintendent may require the person doing such work to enter into an agreement to pay all costs incurred for any labor, equipment or material used to protect or preserve such trees, shrubs or plants either before or after such moving.

**10.08.110 Trees, etc. constituting hazard or impediment to travel—
Inspection, removal.**

The Superintendent may inspect any tree, shrub or plant upon any street, park, pleasure ground, boulevard, alley or public place of the City of Richmond or any tree, shrub or plant standing on any private property which overhangs or projects into any street, park, pleasure ground, boulevard, alley or public place of the City of Richmond, to determine whether the same or any part thereof is in such condition as to constitute a hazard or an impediment to the progress or vision of anyone traveling on said street, park, pleasure ground, boulevard, alley or public place.

If in the opinion of the Superintendent any such tree, shrub or plant is hazardous to the traveling public or impedes the progress or the vision of said public on any such street, park, pleasure ground, boulevard, alley or public place, he may cause the same or such part or parts thereof as are hazardous or impedient to be trimmed or removed so as to remedy such condition. In addition, the Superintendent has the authority to order the replacement of any tree, shrub or plant upon any street, park, pleasure ground, boulevard, alley or public place of the City of Richmond which in his judgment has become so diseased, hazardous or responsible for property damage or so endangers public safety that it cannot be corrected without replacement. However, no such tree, shrub or plant shall be cut down or removed unless ten days notice in writing of this intention shall be given by the Superintendent to the owner, occupant or agent of said property.

If the owner, occupant or agent of such private property within seven days after receipt of such notice files his objection to such removal with the Superintendent, such tree, shrub or plant shall not be cut down or removed unless the Superintendent shall give such owner, occupant or agent a reasonable opportunity to be heard in support of such objection. If such objection is not sustained, the Superintendent shall order its replacement; however, said property owner, occupant or agent, if he is dissatisfied with the decision of the Superintendent, may, within ten days after the hearing, appeal such decision to the Council for a hearing thereon. The decision of the City Council in such matter shall be final.

Nothing contained herein shall be deemed to impose any liability upon the City of Richmond,

its officers or employees, nor to relieve the owner of any private property from the duty to keep any tree, shrub or plant upon his property or under his control in such a condition as to prevent it from constituting a hazard or an impediment to travel or vision upon any street, park, pleasure ground, boulevard, alley or public place within the City of Richmond.

(Amended by Ordinance No. 80 N.S.)

(Source: Ordinance No. 1228)

10.08.120 Damage to private property, etc.

Any person whose property is being damaged by any tree, shrub or plant which is located upon any street, park, pleasure ground, boulevard, alley or public place in the City of Richmond may petition the Superintendent requesting that he inspect the tree, shrub or plant involved. Upon inspection if the Superintendent finds that the tree, shrub or plant involved was responsible for the damage complained of, the Superintendent has the authority to order its replacement if in his judgment it has become so diseased, hazardous, responsible for property damage or so endangers public safety that it cannot be corrected without replacement. If in his judgment replacement is not required or necessary, he can order whatever correction is necessary to remedy the condition. If said tree, shrub or plant must be replaced, the purchase of the replacement will be the responsibility of the abutting property owner. However, no such tree, shrub or plant shall be cut down or removed unless ten days notice in writing of this intention shall be given by the Superintendent to the owner, occupant or agent of said property.

If the owner, occupant or agent of such property, within seven days after receipt of such notice, files his objection to such removal with the Superintendent, such tree, shrub or plant shall not be cut down or removed unless the Superintendent shall give such owner, occupant or agent reasonable opportunity to be heard in support of such objection. At the hearing the complaining party may also state his position. If such objection of the property owner to the removal is not sustained by the Superintendent the Superintendent shall order its replacement.

Any person who is aggrieved by the decision of the Superintendent may, within ten days from the date of the decision, appeal such decision to the City Council for hearing thereon, and the decision of the City Council in such matter shall be final. However, if the Council orders any tree,

shrub or plant to be replaced which was not so ordered by the Superintendent, the Council shall make findings that such tree, shrub or plant has become so diseased, hazardous, responsible for property damage or so endangers public safety that it cannot be corrected without replacement.
(Added by Ordinance No. 80 N.S.)

appeal.

(Amended by Ordinance No. 64 N.S., 21-74 N.S. and 29-79 N.S.)

15.04.205 Site Development Review.

A. PURPOSE. The purpose of Site Development Review is to promote orderly, attractive, and harmonious development; recognize environmental limitations on development; stabilize land values and investments; and promote the general welfare by preventing establishment of uses or erection of structures having qualities which would not meet the specific intent clauses or performance standards of this Chapter or which are not properly related to their sites, surroundings, traffic circulation, or their environmental setting. More stringent regulations may be established pursuant to this Section than those otherwise specified in the Richmond Municipal Code where either the use proposed, the adjacent land uses, environmental significance or limitations, topography, or traffic circulation is found to so require. Such review includes determination of compliance with the general regulations of this Chapter and the more specific provisions which are adopted by the City Council as policy resolutions.

B. GENERAL PROVISIONS.

1. Application and Pre-Application Option. Application shall be made by the property owner or agent on a form prescribed for this purpose by the City and filed with the Planning Department.

Also, a pre-application for site development review may be filed by the property owner or agent prior to making formal application for a building permit, other permits, or entitlements pursuant to this Chapter or this Code. When such pre-application is received it will be reviewed and acted upon for the purpose of providing the applicant with a preliminary analysis and likely conditions that may be imposed or what modifications would be necessary when the application is submitted.

A fee for an application and a pre-application may be prescribed in a sum set by the City Council.

Applications and pre-applications for Site Development Review shall be processed in accordance with the procedures set forth in Subsections C. PRIVATE DEVELOPMENT PROVISIONS and D. PUBLIC DEVELOPMENT PROVISIONS.

2. Accompanying Maps and Drawings Required for an Application. Maps, drawings

and other materials of a number and appropriate scale as specified by the Director of Planning shall be submitted for review in accordance with the following specifications:

a. Site plans and related documents denoting location and configuration of buildings and proposed use thereof, parking stalls, vehicular access ways, fencing, landscaping and/or recreational areas, street rights-of-way, existing street improvements, fire hydrants, refuse and waste areas, other significant site features, and computations on numbers of parking spaces, amounts of usable open space, and building coverages.

b. Plats of survey of the property, including data as specified in the Building Code.

c. Preliminary plans and specifications of sufficient clarity to indicate the nature and extent of the intended work program and to show in detail that it will conform to the provisions of all relevant laws, codes, rules and regulations.

d. Grading and drainage plans, showing existing and finished grade elevations to indicate the extent of proposed grading and the method for conveying the on-site drainage to the nearest downstream facility. This information shall include the following:

(1) Finished floor elevations.

(2) Existing and proposed grade elevations along the perimeter of the property.

(3) Approximate locations, pipe sizes, construction slope, and invert and grate elevations of any proposed underground storm drain lines.

(4) Any other information necessary to define the storm drain construction.

e. Landscape plans, denoting the location and spacing of existing and proposed on-site landscape materials and street trees and including a complete keyed plant list showing quantities, sizes, and correct botanical designations of landscape materials; design details for such features as walls or fences, lighting, paving, arbors, benches, fountains and others; and automatic irrigation plans.

Any maps, drawings or materials required by this Paragraph may be waived by the Director of Planning.

3. Development Policy Resolutions. City Council policy resolutions may be established for the purpose of conserving and enhancing the appearance of specific areas or specific types of development within the City of Richmond. They are intended to be utilized especially in areas of existing or potential scenic value, of historical

note, or architectural merit, or of interest to visitors, and for the purpose of assisting property owners to maintain and enhance the appearance or architectural tone of business districts and residential neighborhoods. The development of such policy resolutions shall be the responsibility of the Public Development Review Board (PDRB). The selection of what areas or type of development are in need of such policy resolutions may be suggested by the Planning Commission, the City Council, or by the PDRB. Following adoption by the City Council, such policy resolutions shall supplement the Guidelines for Approval which are outlined in Paragraph B 4 below.

4. Guidelines for Approval. In addition to all other applicable regulations and policies, the DRO and the PDRB shall give particular consideration during the review process to the following guidelines for approval.

a. General Principles.

(1) Good architectural character is based upon the suitability of a building for its purposes, upon the appropriate use of sound materials and upon the principles of harmony and proportion in the elements of the building.

(2) Good architectural character is not, in itself, more expensive than poor architectural character, and is not dependent upon a particular style of architecture.

(3) Standards for rehabilitation specified in Section 6.06.070 of the Historic or Architecturally Significant Structures Ordinance of the City of Richmond, Ordinance No. 24-82 N.S., shall be included when applicable.

(4) Policies for Appearance and Design specified for the Inner Harbor Basin Sub-Area in the South Richmond Shoreline Special Area Plan, a portion of the Richmond General Plan's Local Area Proposals Section, shall be included when applicable.

(5) Mitigating measures that are established as part of an environmental impact report or negative declaration for a project shall be considered for inclusion as conditions of approval or project modification.

(b) Site Planning.

(1) The natural topographic and landscape features of a site shall be incorporated into a development wherever possible.

(2) Buildings and open spaces shall be in proportion and scale with existing structures and spaces in the surrounding area.

(3) A site shall not be so overcrowded as to cause unbalanced relationships of buildings to open space. Open space areas shall not be unduly isolated from one another by unrelated physical obstructions such as buildings and paved vehicular areas, but rather, shall be linked by open space corridors of reasonable width.

(4) Buildings shall be sited in an orderly, non-random fashion. Long, unbroken building facades shall be avoided.

(5) All areas not otherwise occupied by structures or paved areas shall be landscaped and irrigated by an adequate irrigation system. An adequate irrigation system for planted areas in excess of ten thousand (10,000) square feet shall consist of an automatically controlled installation unless the DRO and PDRB finds that acceptable drought resistant native plants are utilized and/or adequate irrigation can be provided with a manually operated system. Plant materials should be planted where they will not encroach upon walkways or driveways, etc. at maturity or create a hazardous condition to structures or the public right-of-way. The minimum acceptable irrigation shall be hosebibs located within forty (40) feet of the farthest exotic plant materials. Exotic plant materials are all plants not native to Greater Richmond. Landscape plans for developments containing in excess of ten thousand (10,000) square feet shall be prepared by a licensed landscape architect.

(6) Habitable spaces shall be oriented with due regard to sun, prevailing wind, desirable vistas, and nearby land uses.

(7) The floor plans of residential units shall have proper orientation, access and view to adjacent private and public open space.

(8) The intrusive impact of motor vehicles upon the privacy of office, other work space and residential environments shall be minimized while maintaining convenient access between units and parking areas.

(9) Paved areas shall be only as large as necessary to serve parking, circulation and open space needs and their appearance shall be enhanced by landscaping. Carports or garages of residential projects shall enhance the parking areas by their design. Monotonous, extended, unbroken parking areas, driveways and carport structures shall be avoided. Where open space is to be established between parking structures or parking areas and

adjacent offices or residential buildings, a landscape plan shall be prepared which defines how this open space is to be developed and maintained.

(10) Site grading shall not obstruct natural drainage flow from abutting property or divert drainage from its natural watershed.

c. Architectural Design.

(1) Materials, textures and colors employed shall be compatible.

(2) Building design elements shall avoid monotonous repetition or excessive variety of forms, patterns and colors.

(3) Materials and design details shall be consistent with the general design theme.

(4) The location, size and treatment of window and door openings shall be compatible with the wall on which they are located.

(5) Decorative devices shall not be used to conceal poor design.

(d) Architectural Design for Dwelling Units Above the Toe of Hill.

(1) Structures shall be sited so as to make a more natural transition with the existing topography to the maximum extent feasible consistent with safe and sound grading, drainage, and engineering principles.

(2) Large, blank, plain wall expanses shall be broken up with appropriate architectural treatment including the use of landscape planting to screen or diminish the visual obtrusion of such expanses over time.

(3) Structures sited on or near the ridgeline shall be designed with adequate consideration given to building massing, roof slopes, and/or landscape screenings to blend with the ridgeline, rather than project as a structure distinctly separate from the ridgeline.

(4) Structures supported on open underpinnings such as poles shall be designed to integrate the understructure systems with the overall structure design; and unattractive areas under the structure shall be appropriately screened.

5. Moving of Buildings. In carrying out the purposes of Site Development Review, particular attention should be devoted to buildings moved into or within the City to insure that such a building, when completed and in place, will have a finish and character that gives a completed appearance and is in architectural harmony with property improvements existing in, or proposed for, the immediate neighborhood. The building to be moved should be architecturally compatible with structures in the general

area to which it is to be moved, and should not be in a dilapidated, obsolete, or deteriorated condition which in any manner may result or tend to lessen the economic values of other properties or be detrimental to the neighborhood in which such building is to be moved.

6. Expiration of Approval.

a. Pre-Application Approval. Approval of a pre-application shall expire one (1) year from the date of the written notice given regarding the action (preliminary analysis) taken on such pre-application by either the DRO or PDRB if no bona fide application or plan checking submittal has been filed or made within such one-year period. If such pre-application by either the DRO or PDRB may return the pre-application and accompanying plans to the applicant or may destroy the same. The DRO or PDRB may extend such expiration date for a period not exceeding one (1) year upon written request of the applicant, when received by the City's Planning Department prior to the expiration date, showing that circumstances beyond his/her control have prevented the project from proceeding.

b. Application Approval. Approval of an application for Site Development Review shall expire and become null and void, if the building or other work authorized by such approval is not commenced within one hundred eighty (180) days following the date of this approval, or if the building or other work authorized by this approval is suspended or abandoned at any time after the work is commenced for a period of one hundred eighty (180) days. Provided, however, if building permits or other permits or entitlements have been issued in connection with this approval, the rules governing expiration of such building permits or other permits or entitlements shall govern notwithstanding the aforesaid provisions of this paragraph. In such event (of the expiration of said approval), the DRO or PDRB may return or destroy the application in accordance with the provisions of Paragraph 1 above.

C. PRIVATE DEVELOPMENT PROVISIONS.

1. Development Review Organization (DRO) Created. There is hereby created a Site Development review agency known as the Development Review Organization (DRO), consisting of one (1) member each from the Current Planning, Building Inspection, Engineering and Parks Divisions of the Planning, Public Works and Recreation and Parks Departments who shall be appointed by the department directors; one (1)

member of the Fire Department who shall be appointed by the Fire Chief; and one (1) member of the Police Department who shall be appointed by the Police Chief; to carry out the duties hereinafter set forth. The DRO shall be responsible for those matters of review specified in Paragraph 2 below.

2. Approval Required by DRO. Site Development Review is required for any development that involves the following:

- a. Any use except for residential developments of three (3) or fewer dwelling units;
- b. Buildings moved into or within the City;
- c. Refuse and waste areas;
- d. Swimming pools except for single-family residences;
- e. Signs;
- f. Remodeling of the exteriors of commercial and industrial buildings; and
- g. Any residential structure within a C-1, C-2, or C-M District.

Such Site Development Review shall be undertaken by the DRO except where a duly qualified applicant shall have the option to apply directly to the PDRB in accordance with the provisions of Paragraph 3 below.

An application for such proposed development shall be automatically approved as submitted if the DRO does not take action thereon to approve, approve with conditions or deny within thirty (30) days after the meeting date it first appears on the DRO agenda.

If, in the opinion of the DRO, any proposed use may cause the emission of dangerous or objectionable noise, odors, lights, dust, smoke or vibrations, the DRO with the consent of the applicant, may refer the application for investigation and report to one or more expert consultants qualified to advise as to whether a proposed use will conform to appropriate performance standards. Such consultant or consultants shall report in writing to the DRO and a copy of such report shall be furnished to the applicant. The applicant shall be required to pay the fee for service of said consultant(s).

3. Option for Approval by PDRB. An applicant for a subdivision or a Planned Area District rezoning may submit a pre-application or revised pre-application directly to the PDRB for approval, conditional approval or disapproval concerning the concept of such proposed subdivision or rezoning. However, when such applications are reviewed directly by the PDRB, without prior review by the DRO, there shall not

be a privilege to file an appeal to the City Council as is the case on public development as specified in Paragraph D 4. Appeal to City Council.

4. Action by DRO. The DRO shall approve, conditionally approve or disapprove the external design and site plan for all developments specified in Paragraph C 2 Approval Required: DRO.

5. Appeal to PDRB. Any person may appeal the decision of the DRO to the PDRB in respect to denial, approval, or approval with conditions, of any site plan, architectural scheme, or landscaping plan. Said appeal shall be in writing and shall be filed with the Planning Department not later than the tenth (10th) day following the date upon which the DRO made its decision. Such appeal set forth specifically wherein such decision is allegedly in error. The filing of an appeal shall stay any decision or further consideration on required entitlements until a decision is rendered by the PDRB. Upon the filing of an appeal, the Director of Planning shall set the matter for hearing before the PDRB within thirty (30) days. Within ten (10) days following the conclusion of the hearing, the PDRB shall render its decision on the appeal. If the PDRB fails to act within the above specified time limits, the appeal shall be considered denied. The decision of the PDRB as to such appeal is final and may not be appealed to the City Council.

D. PUBLIC DEVELOPMENT PROVISIONS.

1. Public Development Review Board (PDRB) Created. There is hereby created a Public Development Review Board (PDRB) consisting of seven (7) persons who reside in the City of Richmond of which, ideally, one (1) should be a landscape architect, two (2) should be architects, one (1) should be a building contractor, and three (3) should be lay citizens. Each member of the PDRB shall be appointed by the Mayor and ratified by the City Council. Each appointee shall serve, commencing on the first day of _____, for a term of three (3) years or until his or her successor is appointed and takes office. The absence of any member of the PDRB from more than three (3) regular meetings of the PDRB within any twelve (12) consecutive months period shall constitute an automatic resignation from the PDRB. No appointee shall serve for more than two (2) consecutive full terms. The PDRB shall be responsible for the development of policy resolutions specified in Paragraph B 3

Development Policy Resolutions, and those matters of review and appeal specified in Paragraphs 2, 3 and 4 of this Subsection D.

a. **Procedures.** A meeting or hearing of the PDRB may not be held without the attendance of four (4) members. All meetings and hearings shall be called by the Director of Planning. At least four (4) votes shall be required to make any decision.

All meetings of the PDRB shall be open to the public. The agendas for PDRB meetings shall be published once in a local newspaper of general circulation not less than four (4) days prior to the date of the meeting.

2. **Approval Required by PDRB.** Site Development Review by the PDRB is required for any development proposed by the City of Richmond and related agencies such as, but not limited to, the Richmond Redevelopment Agency, the Richmond Housing Authority, the Surplus Property Authority, and Port Operations. In addition the PDRB shall review those private developments where a duly qualified applicant decides to exercise his or her option to apply directly to the PDRB in accordance with the provisions of Paragraph C 3. Option for Approval by PDRB above. However, an application for such proposed development shall be automatically approved as submitted if the PDRB does not take action thereon to approve, approve with conditions or deny within thirty (30) days after the meeting date it first appears on the PDRB agenda.

If, in the opinion of the PDRB, any proposed use may cause the emission of dangerous or objectionable noise, odors, lights, dust, smoke or vibrations, the PDRB with the consent of the applicant, may refer the application for investigation and report to one or more expert consultants qualified to advise as to whether a proposed use will conform to the appropriate performance standards. Such consultant or consultants shall report in writing to the PDRB and a copy of such report shall be furnished to the applicant. The applicant shall be required to pay the fee for service of said consultant(s).

3. **Action by PDRB.** The PDRB shall approve, conditionally approve or disapprove the external design and site plan for all developments specified in Paragraph D 2 Approval Required: PDRB.

4. **Appeal to City Council.** Any person, except as limited in Paragraph C 3, above, may appeal the decision of the PDRB to the City Council in

respect to denial, approval, or approval with conditions on any site plan, construction plan, grading and drainage plan, or landscaping plan. Said appeal shall be in writing and shall be filed with the City Clerk not later than the tenth (10th) day following the date upon which the PDRB made its decision. Such appeal shall set forth specifically wherein such decision is allegedly in error. The filing of an appeal shall stay any decision rendered by the PDRB. Upon the filing of an appeal, the City Clerk shall set the matter for hearing before the City Council within thirty (30) days. Within ten (10) days following the conclusion of the hearing, the City Council shall render its decision on the appeal. The decision of the City Council as to such appeal is final. (Added by Ordinance No. 13-86 N.S.)

15.04.210 Certificate of occupancy.

No vacant land shall be occupied or used until a certificate of occupancy shall have been issued by the Building Official.

A. **CERTIFICATE OF OCCUPANCY FOR A BUILDING.** Certificate of occupancy for a new building or the enlargement or alteration of an existing building shall be applied for coincident with the application for a building permit, and the certificate shall be issued after the request for same shall have been made in writing to the Building Official after the erection or alteration of such building or part thereof shall have been completed in conformity with the provisions of these regulations. Pending the issuance of a regular certificate, a temporary certificate of occupancy may be issued by the Building Official for a period not exceeding six months, during the completion of alterations or during partial occupancy of a building pending its completion. Such temporary certificate shall not be construed as in any way altering the respective rights, duties, or obligations of the owners or of the city relating to the use of occupancy of the premises or any other matter covered by this chapter, and such temporary certificate shall not be issued except under such restrictions and provisions as will adequately insure the safety of the occupants.

B. **CERTIFICATE OF OCCUPANCY FOR LAND.** Certificate of occupancy for the use of vacant land or the change in the character of the use of land as herein provided, shall be applied before any such land shall be occupied or used for any purpose except that of tilling the soil and growing therein of farm, garden or orchard products, and a certificate of occupancy shall be



**CITY OF RICHMOND CALIFORNIA
DIRECTOR OF PUBLIC WORKS
LANDSCAPE DESIGN AND DEVELOPMENT GUIDELINES**

REVISED: JULY 1, 1988 ADOPTED BY COUNCIL: July 25, 1988

OVERVIEW

The **purpose** of the Landscape Design and Development Guidelines is to assist new developments within the City of Richmond in the design and management of landscaping which is appropriate to local environmental conditions and effective in the conservation of water, both in times of normal weather patterns and during water shortage emergency conditions.

The guidelines are **applicable** to:

1. All new *residential* developments of 4 or more dwelling units and/or with a minimum 10,000 sq. feet of landscaping
2. All new or rehabilitated *commercial* development
3. All new or rehabilitated *industrial* development
4. All new or rehabilitated *institutional* developments

The City shall **review preliminary plans** pursuant to Richmond Municipal Code (RMC) section 15.04.205 - *Site Development Review*. Conditions of approval shall be confirmed in writing with applicable revisions incorporated into final working drawings and specifications, and subsequently submitted for **final plan approval** at the time of application for a **Building Permit** (RMC chapter 6.02). The City shall inspect and approve the landscape development to ensure compliance with the approved plans and specifications prior to issuing a **Certificate of Occupancy** as per RMC section 15.04.210.

SPECIAL REQUIREMENTS

If a residential development has **model homes**, it is required that at least one model home in the first phase of the development be planted with water conserving plants and a maximum of 25% of total landscaped area in turf grass. An automatic irrigation system as described herein shall be installed and operated per these guidelines. **Developers** shall be required to **provide buyers with water conserving landscape plans** which have been prepared by a licensed Landscape Architect and approved by the city. Additionally, developers shall **provide prospective buyers with information** about outdoor water conservation by distributing pamphlets on this subject, now available from East Bay Municipal Utility District (EBMUD) and the State Department of Water Resources.

LANDSCAPE DESIGN AND DEVELOPMENT GUIDELINES

SPECIAL CONTINGENCIES

A three-stage **Water Use Emergency Plan** is regulated by resolution of the City Council in accordance with weather patterns and water supply status from EBMUD. These stages shall directly overlay the approval process as described above. The stages are:

1. ***Normal Conditions***
No contingencies applied to the Landscape Design and Development Guidelines
2. ***Drought Conditions***
Preliminary Plans submitted to the DRO shall include provisions for phased implementation and/or deferral of new turf grass installation, should conditions revert to Emergency.
3. ***Emergency Conditions***
Deferral of all turf installations.
When possible, phase or postpone other types of planting.
All planting to occur between October and April.
Percentage reductions in irrigation schedules required.

PLANTING DESIGN GUIDELINES

WATER USE ZONES

The site plan shall delineate and quantify clearly the limits of all landscape improvements. This total landscape area shall be divided into three distinct types of development zones:

1. ***Low Water Use Zones***
Receive low or no irrigation and maintenance. Examples include utility areas, parking area perimeters, turf perimeters planted with trees and shrubs, and informal buffer plantings such as hedges and wind-rows.
2. ***Moderate Water Use Zones***
Non-turf plantings which are best suited for passive recreation use, defining or enclosing spaces, walkways and visually important areas, planters or structured buffer plantings. Includes trees, shrubs, ground covers, perennials and herbaceous plants.
3. ***High Water Use Zones (Turf)***
Turf grass areas for active use, entertainment and/or maximum visual impact. Best suited for small scale applications with distinct, maintainable edges.

PLANT MATERIALS SELECTION

There are three general climate zones within the city's boundaries;

1. The bayshore zone
2. The city core/flatlands zone
3. The hills zone

Within these zones there exist many microclimates depending on factors such as wind and sun exposure, soils and drainage, shade and shadows, and man-made influences such as buildings, roads and utilities:

1. Plants shall be selected which are best suited to the microclimate and specific conditions of the site.
2. Plants shall be used in a group context (as opposed to individual units) according to their water requirements, to avoid the need to overwater some in order to accommodate others.
3. Layout within water use zones shall emphasize compatibility.
4. Sources of plant selection information are readily available for the East Bay Area (See Exhibit #3 - References).

LANDSCAPE DESIGN AND DEVELOPMENT GUIDELINES

PLANTING DESIGN GUIDELINES (Cont.)

TURF LIMITATIONS

Limiting the area of turf grass and reducing perimeter measurements is the single most effective way to ensure a water conserving landscape:

1. The maximum allowed turf area shall not exceed **25% of total** landscape development area. If turf is an essential part of the development (such as playing fields for schools) a higher percentage will be approved on a case by case basis.
2. **No turf** will be allowed:
 - a) In Median strips or parking strips in roadways or parking lots, including spaces between curbs and sidewalks
 - b) In irregular spaces or narrow perimeter areas
 - c) On slopes exceeding 4% gradient
 - d) When the *Perimeter to Area Ratio* exceeds .50 (see attached Exhibit #1)

TREE REQUIREMENTS

Due to their scale, maintenance requirements, and potential problems, trees requirements include:

1. **Trees in turf areas** shall be avoided, due to the very different water and maintenance requirements of each.
2. When trees must be planted in lawn areas, special **irrigation requirements** shall apply (see below).
3. **Street tree planting** is required and will vary depending on location within the City. Consult the Public Works Dept., Superintendent for Parks and Landscaping, at 620-6969, prior to submitting preliminary plans to the DRO for review.
4. All street trees and/or any other tree plantings within ten feet of public right-of-way sidewalks, curbs and gutters, or street surface shall be installed with approved **root barriers and deep water tubes** (two per tree).

IRRIGATION DESIGN GUIDELINES

WATER USE ZONES

The basis for irrigation system design shall be the *water use zones* as previously referenced in planting design guidelines.

General system requirements are as follows:

1. **Separate control valves with pressure regulators** shall be required for each type of water use zone. Under no circumstance should a single valve circuit cover turf from a high water use zone mixed with shrubs and ground covers from a low or moderate water use zone.
2. **Automatic irrigation system controllers shall be required.** Solid state electronic types are recommended with percentage plus or minus schedule adjustment features.

Equipment requirements for each zone type are as follows:

1. **Low Water Use Zones**
Low volume irrigation systems shall be required, including **low GPM bubblers or drip emitters** installed in vertical PVC deep water tubes. Sprinklers or spray heads are not permitted.

LANDSCAPE DESIGN AND DEVELOPMENT GUIDELINES

IRRIGATION DESIGN GUIDELINES (Cont.)

2. *Moderate Water Use Zones*

Requirements includes (1.) above as well as low volume sprinkler or spray heads with **matched precipitation rates** not exceeding 0.75 inches per hour.

3. *High Water Use Zones (Turf)*

a) Conventional sprinklers shall not be used where the **perimeter to area ratio** exceeds .25 (See exhibit #1).

Instead, low volume sprinkler or spray heads shall be used.

b) Sprinkler or spray heads shall have **matched precipitation rates** within each control valve circuit.

c) **Sprinkler or spray head spacing** shall be 50 percent of the diameter of throw for square spacing and 50-60 percent of the diameter of throw for triangular spacing (See attached exhibit #2).

d) **Trees in turf areas** shall be irrigated on a separate valve circuit with drip or low volume bubbler emitters installed in vertical PVC deep water tubes.

IRRIGATION MANAGEMENT

Specifications for the irrigation system shall be comprehensive and complete, including pertinent requirements as delineated in the adopted Unified Plumbing Code. A **base-line irrigation schedule shall also be included**, set according to the water requirements of the water use zones shown in the landscape design plans:

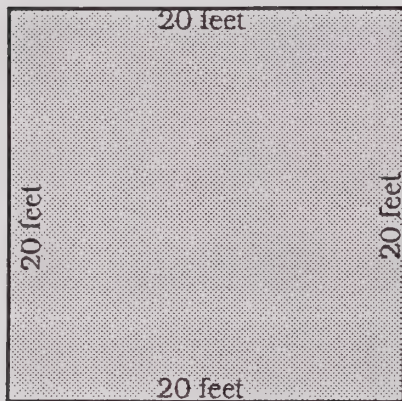
1. Turf grasses shall be irrigated a maximum of once every three days.
2. The following table shows the average number of inches per month that turf grasses need, based on local climatic data:

<u>MONTH</u>	<u>INCHES / MONTH</u>	
	<u>Inland</u>	<u>Coastal</u>
January	0	0
February	1	1
March	2	1
April	3	2
May	5	3
June	6	5
July	7	5
August	6	5
September	5	4
October	2	2
November	1	1
December	0	0

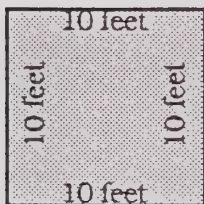
3. The application rate shall neither exceed .25" per cycle nor .75" per hour.
4. Automatic controllers shall be set to run between the hours of 7:00 pm and 7:00 am.

LANDSCAPE DESIGN AND DEVELOPMENT GUIDELINES

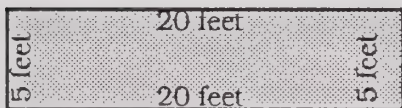
EXHIBIT I SAMPLE PERIMETER TO AREA RATIOS (P/A)



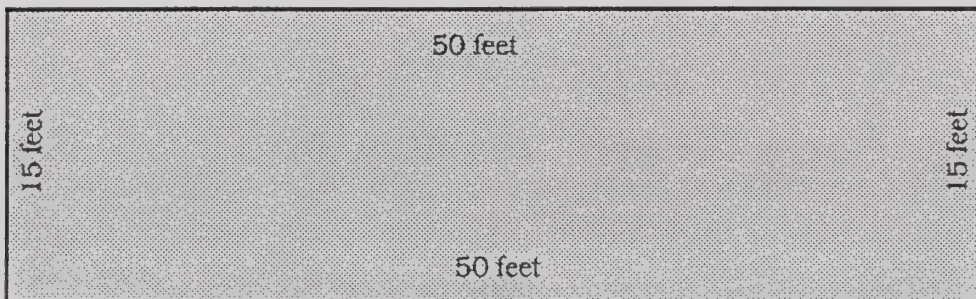
$P/A = 80'/400' = .20$ - TURF WITH CONVENTIONAL SPRINKLERS OKAY



$P/A = 40'/100' = .40$ - TURF WITH LOW G.P.M. SPRINKLERS
OR SPRAY HEADS OKAY



$P/A = 50'/100' = .50$ - TURF NOT PERMITTED

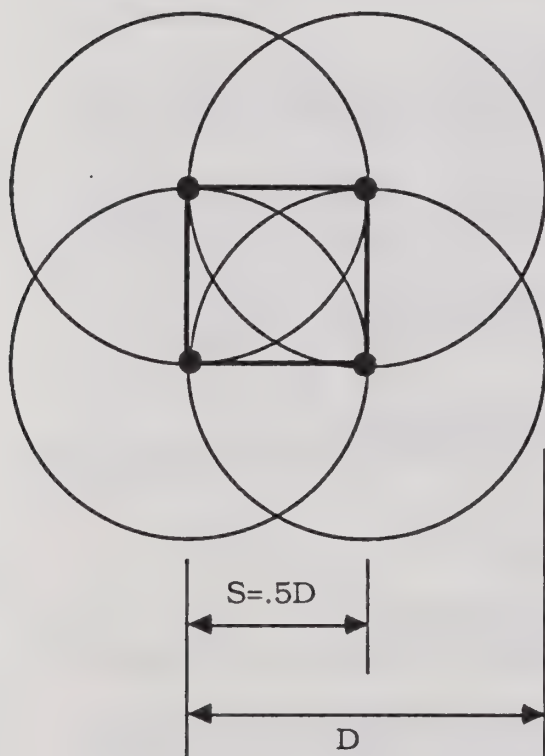


$P/A = 130'/750' = .173$ - TURF WITH CONVENTIONAL
SPRINKLERS OKAY

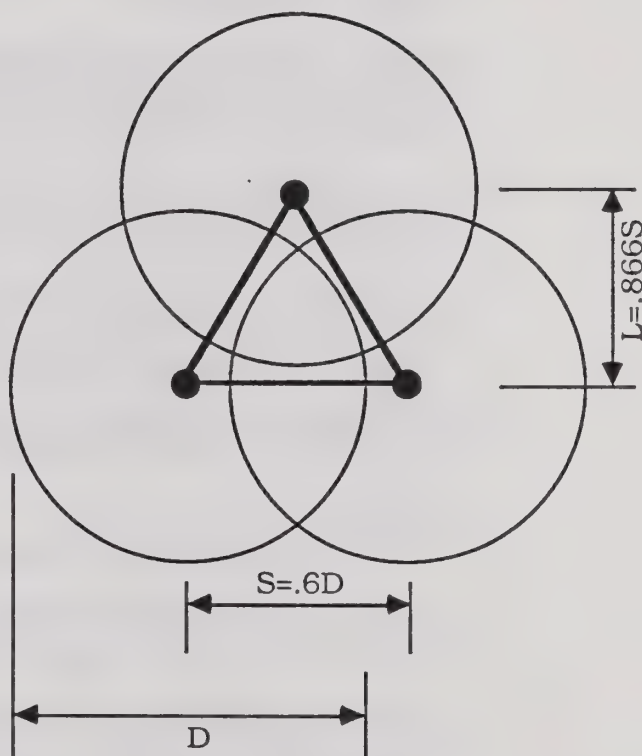
LANDSCAPE DESIGN AND DEVELOPMENT GUIDELINES

EXHIBIT II SPRINKLER OR SPRAY HEAD SPACING

SQUARE SPACING



TRIANGULAR SPACING



D = DIAMETER OF THROW
S = SPACING BETWEEN HEADS
L = DISTANCE BETWEEN ROWS

SPRINKLER OR SPRAY HEAD RATE OF APPLICATION - INCHES / HR.

SQUARE SPACING

$$= \frac{96.3 \times \text{GPM}}{S \times S}$$

TRIANGULAR SPACING

$$= \frac{96.3 \times \text{GPM}}{S \times L}$$

GPM = GALLONS PER MINUTE APPLIED TO AREA BY SPRINKLER OR SPRAY HEAD

LANDSCAPE DESIGN AND DEVELOPMENT GUIDELINES

EXHIBIT III REFERENCES

1. ***Contra Costa County Policy on Water Conservation for New Developments***, Community Development Dept., County Administration Building, Martinez, CA.
2. ***Creating A Water Conserving Landscape***
Published by the Administration Dept., East Bay Municipal Utility District, Oakland, CA.
3. ***Irrigation Design Guidelines for Water Conservation***
East Bay Municipal Utility District, Water Conservation Office, Oakland, CA.
4. ***Lawn Watering Requirements Along California's Central Coast***
Leaflet 21432, Cooperative Extension University of Cal., Division of Agriculture and Natural Resources
5. ***Planting Design Guidelines for Water Conservation***
East Bay Municipal Utility District, Water Conservation Office, Oakland, CA.
6. ***Sunset Western Garden Book***
Lane Publishing Co., Menlo Park, CA.
7. ***Trees and Shrubs for Dry California Landscapes***
Plants for Water Conservation by Bob Perry. Land Design Publishing, 1981.
8. ***Water-Conserving Plants & Landscapes for the Bay Area***
Published by the Administration Dept., East Bay Municipal Utility District, Oakland, CA.

AN ORDINANCE OF THE COUNCIL OF THE CITY OF RICHMOND, CALIFORNIA, AMENDING SECTION 15.04.205 OF THE MUNICIPAL CODE OF THE CITY OF RICHMOND TO ESTABLISH LANDSCAPE DESIGN AND DEVELOPMENT GUIDELINES FOR THE PURPOSE OF ASSISTING NEW DEVELOPMENTS WITHIN THE CITY OF RICHMOND IN THE DESIGN AND MANAGEMENT OF LANDSCAPING

The Council of the City of Richmond do ordain as follows:

Section 1. Section 15.04.205 B.4.b.(5) of the Municipal Code of the City of Richmond is hereby amended to read as follows:

"(5) All areas not otherwise occupied by structures or paved areas shall be landscaped and irrigated by an adequate irrigation system. An adequate irrigation system for planted areas in excess of ten thousand (10,000) square feet shall consist of an automatically controlled installation unless the DRO or PDRB finds that acceptable drought resistant native plants are utilized and/or adequate irrigation can be provided with a manually operated system. Plant materials should be planted where they will not encroach upon walkways or driveways, etc. at maturity or create a hazardous condition to structures or the public right-of-way. The minimum acceptable irrigation shall be hosebibs located within forty (40) feet of the farthest exotic plant materials. Exotic plant materials are all plants not native to Greater Richmond. Landscape plans for developments containing in excess of ten thousand (10,000) square feet shall be prepared by a licensed landscape architect, and shall conform to the Director of Public Works' Landscape Design and Development Guidelines, latest revised version."

Section II. Severability. If any section, subsection, subdivision, paragraph, sentence, clause or phrase of this Ordinance is for any reason held to be unconstitutional or invalid, such a decision shall not affect the validity of the remaining portions of this Ordinance. The City Council hereby declares that it would have passed each section, subsection, subdivision, paragraph, sentence, clause or phrase of this ordinance irrespective of the unconstitutionality or invalidity of any section, subsection, subdivision, paragraph, sentence, clause or phrase.

Section III. Effective Date. This ordinance becomes effective after its final passage and adoption

First read at a regular meeting of the Council of the City of Richmond, California, held July 18, 1988,

and finally passed and adopted at a regular meeting thereof held
July 25, 1988, by the following vote:

AYES: Councilmembers Washington, Niccolls, Corbin, Marquez,
Ziesenhenné, McMillan, MacDiarmid, Griffin and
Mayor Livingston

NOES: None

ABSENT: None

HARLAN J. HEYDON
Clerk of the City of Richmond

Approved:

(SEAL)

GEORGE L. LIVINGSTON
Mayor

Approved as to form:

MALCOLM HUNTER
City Attorney

APPENDIX L

City of Richmond
Urban Forestry Management/Master Plan
Summer 1989

Thomas J. Pehrson
Urban Forestry Consultants

BUSINESS DISTRICTS OF RICHMOND

Listed below are the appropriate plant selections for commercial areas of Richmond not specifically called out in tree selections for major streets.

The following trees have been recommended for use in within these business districts; they are attractive and their limbs can be pruned to allow for view corridors and tree growth above business signs.

- Acer nigrum 'Green Column' - Black Maple (no wires, min. width 4')
- Eucalyptus microtheca - Flooded Box (no wires, min. width 3')
- Eucalyptus polyanthemos - Silver Dollar Gum (no wires, min. width 4')
- Ginkgo biloba 'Fairmount' - Fairmount Maidenhair Tree (no wires, min. width 3')
- Tristania conferta - Brisbane Box (no wires, min. width 2')
- Tristania laurina - Swamp Myrtle (wires ok, min. width 2')
- Metrosideros excelsus - New Zealand Christmas Tree (wires ok, min. width 2')
- Laurus x 'Saratoga' - Hybrid Laurel (wires ok, min. width 3')

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